

# Product Datasheet

## Pyruvate Dehydrogenase E1-alpha subunit Antibody - Azide and BSA Free NBP2-95251-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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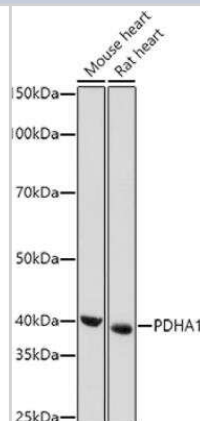
**NBP2-95251-0.1ml**

Pyruvate Dehydrogenase E1-alpha subunit Antibody - Azide and BSA Free

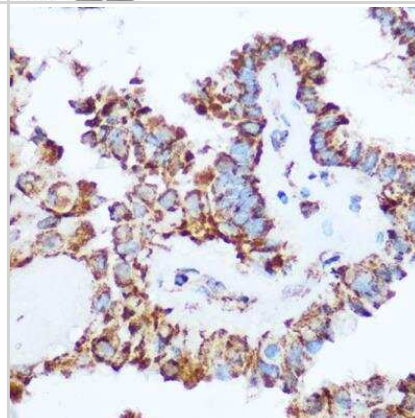
| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Preservative</b>                | 0.01% Thimerosal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                      | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Buffer</b>                      | PBS (pH 7.3), 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>                 | Novus Biologicals Rabbit Pyruvate Dehydrogenase E1-alpha subunit Antibody - Azide and BSA Free (NBP2-95251) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                                                                                                                                                   |
| <b>Host</b>                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene ID</b>                     | 5160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Symbol</b>                 | PDHA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                   | Recombinant fusion protein containing a sequence corresponding to amino acids 30-390 of human Pyruvate Dehydrogenase E1-alpha subunit (NP_000275.1).<br>FANDATFEIKKCDLHRLEEGPPVTTVLTREDGLKYYRMMQTVRRMELKADQLY<br>KQKIIRGFCHLCDGQEACCVGLEAGINPTDHLITAYRAHGFTFTRGLSVREILAE<br>LTGRKGGCAKGGGSMHMYAKNFYGGNGIVGAQVPLGAGIALACKYNGKDEV<br>CLTLYGDGAANQQQIFEAYNMAALWKLPCIFICENNRYGMGTSVERAAASTDY<br>YKRGDFIPGLRVDGMDILCVREATRFAAAYCRSGKGPILMELQTYRYHGHSM<br>DPGVSYRTREEIQEVRSKSDPIMLLKDRMVNSNLASVEELKEIDVEVRKEIEDA<br>AQFATADPEPPLEELGYHIYSSDPPFEVRGANQWIKFKSVS |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Recommended Dilutions</b>       | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation 1:20-1:50, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                          |

## Images

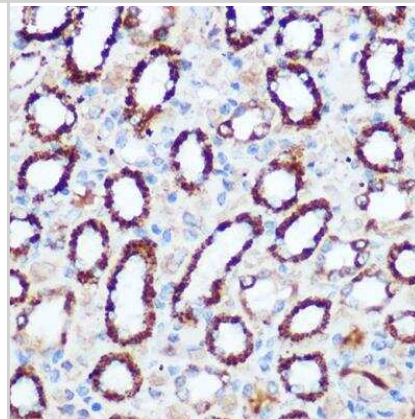
Western Blot: Pyruvate Dehydrogenase E1-alpha subunit Antibody [NBP2-95251] - Analysis of extracts of various cell lines, using PDHA1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



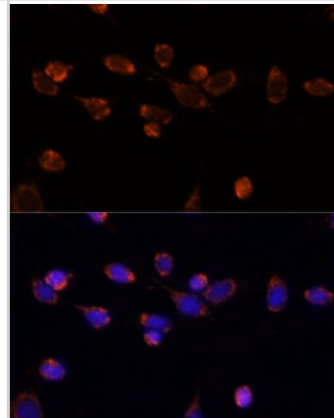
Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase E1-alpha subunit Antibody [NBP2-95251] - Human thyroid cancer using PDHA1 Rabbit pAb at dilution of 1:100 (40x lens).



Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase E1-alpha subunit Antibody [NBP2-95251] - Rat kidney using PDHA1 Rabbit pAb at dilution of 1:100 (40x lens).



Immunocytochemistry/ Immunofluorescence: Pyruvate Dehydrogenase E1-alpha subunit Antibody - Azide and BSA Free [NBP2-95251] - Immunofluorescence analysis of NIH/3T3 cells using Pyruvate Dehydrogenase E1-alpha subunit Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.





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### **Products Related to NBP2-95251-0.1ml**

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|             |                                                     |
|-------------|-----------------------------------------------------|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit IgG Isotype Control                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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