

# Product Datasheet

## CDC42BPB Antibody - BSA Free

### NBP1-81440

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-81440**

CDC42BPB Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 ml                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal                                                                                                       |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>       | IgG                                                                                                              |
| <b>Purity</b>        | Affinity purified                                                                                                |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

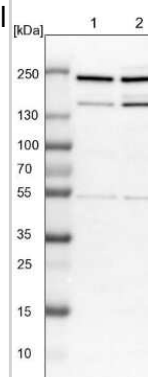
|                    |                                                                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit CDC42BPB Antibody - BSA Free (NBP1-81440) is a polyclonal antibody validated for use in IHC and WB. Anti-CDC42BPB Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.      |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                                |
| <b>Gene ID</b>     | 9578                                                                                                                                                                                                                                                  |
| <b>Gene Symbol</b> | CDC42BPB                                                                                                                                                                                                                                              |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                                                                                     |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>KSKFSGAVLNVPDTSNSKKQMLRTRSKRRFVFKVPEEERLQQRREMLRDPE<br>LRSKMISNPTNFNHVAHMGPGDGMQVLM DLPLSAVPPSQEERPGPAPTNLAR<br>QPPSRNKPYISWPSSGGSEPSVTVPLRSMSPDQDFDKEPDSDST |

**Product Application Details**

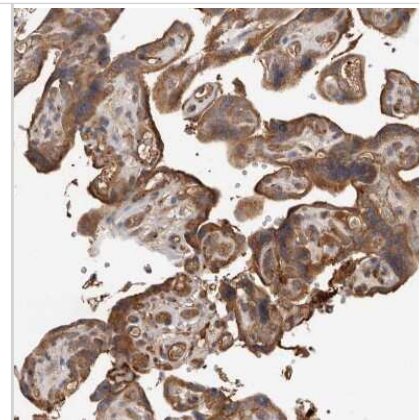
|                              |                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                                |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                            |

**Images**

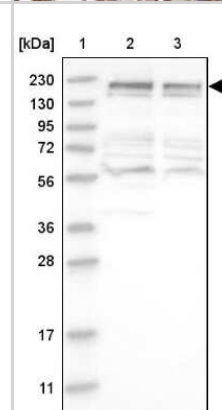
Western Blot: CDC42BPB Antibody [NBP1-81440] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



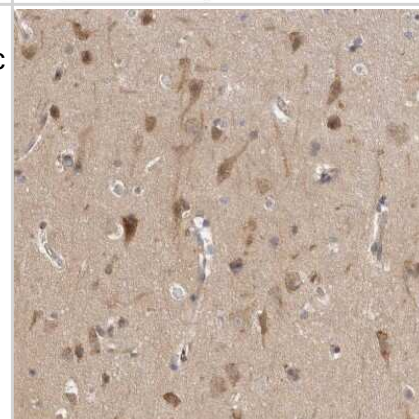
Immunohistochemistry-Paraffin: CDC42BPB Antibody [NBP1-81440] - Staining of human placenta shows moderate to strong cytoplasmic positivity in trophoblastic cells.



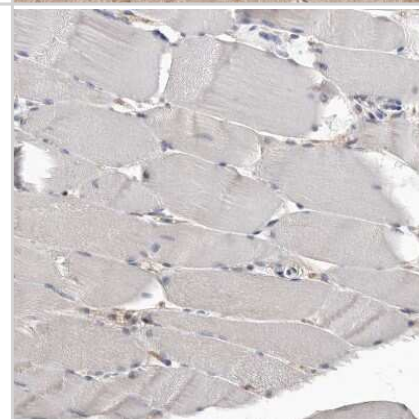
Western Blot: CDC42BPB Antibody [NBP1-81440] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



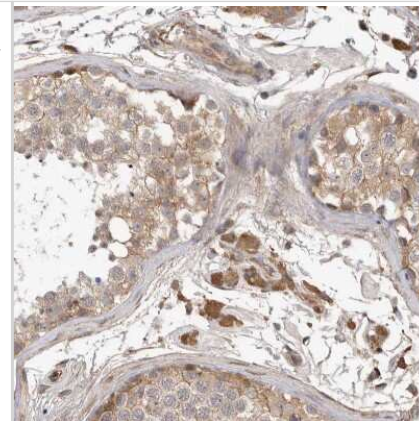
Immunohistochemistry-Paraffin: CDC42BPB Antibody [NBP1-81440] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: CDC42BPB Antibody [NBP1-81440] - Staining of human skeletal muscle shows moderate to strong cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: CDC42BPB Antibody [NBP1-81440] - Staining of human testis shows moderate to strong cytoplasmic positivity in Leydig cells.



## Publications

Baran B, Kosieradzka K, Skarzynska W, Niewiadomski P MRCK<sup>2/2</sup> positively regulates Gli protein activity Cellular signalling 2023-04-03 [PMID: 37019250] (WB, Human)

Details:

Dilution: 1:1000



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### **Products Related to NBP1-81440**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-81440PEP | CDC42BPB Recombinant Protein Antigen                |
| 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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