

# Product Datasheet

## IDH2 Antibody (673) - Azide and BSA Free NBP2-43572

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-43572**

IDH2 Antibody (673) - Azide and BSA Free

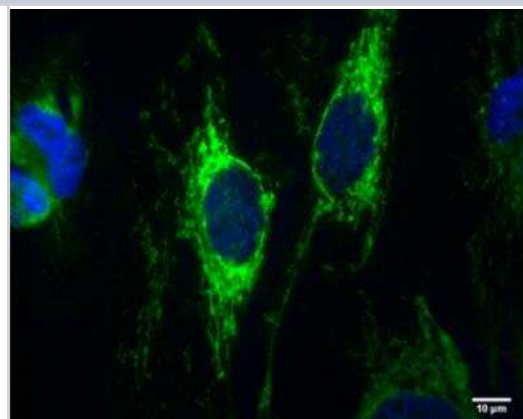
| Product Information     |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                                                                           |
| Concentration           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality               | Monoclonal                                                                                                       |
| Clone                   | 673                                                                                                              |
| Preservative            | No Preservative                                                                                                  |
| Isotype                 | IgG1                                                                                                             |
| Purity                  | Protein G purified                                                                                               |
| Buffer                  | PBS                                                                                                              |
| Target Molecular Weight | 51 kDa                                                                                                           |

| Product Description |                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse IDH2 Antibody (673) - Azide and BSA Free (NBP2-43572) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                               |
| Gene ID             | 3418                                                                                                                                                                                                                |
| Gene Symbol         | IDH2                                                                                                                                                                                                                |
| Species             | Human, Mouse, Rat                                                                                                                                                                                                   |
| Reactivity Notes    | Xenopus laevis (91%), Zebrafish (89%).                                                                                                                                                                              |
| Immunogen           | Recombinant protein encompassing a sequence within the center region of human IDH2. The exact sequence is proprietary.                                                                                              |

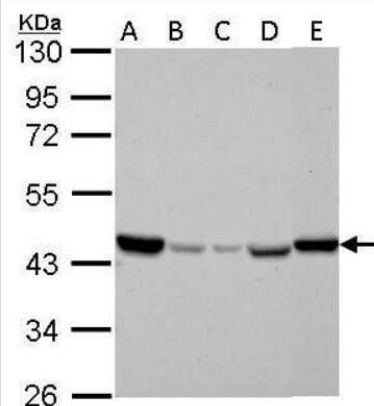
| Product Application Details |                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                      |
| Recommended Dilutions       | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

**Images**

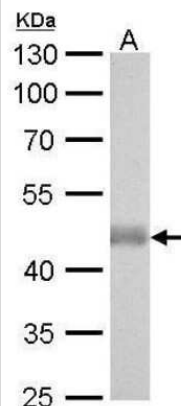
Immunocytochemistry/Immunofluorescence: IDH2 Antibody (673) [NBP2-43572] - HeLa cells were fixed in 4% paraformaldehyde at RT for 10 min. Green: IDH2 protein stained by IDH2 antibody [GT673] diluted at 1:100. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m.



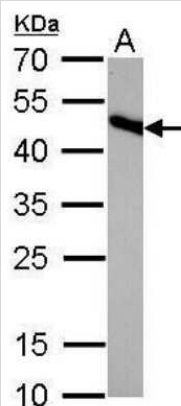
Western Blot: IDH2 Antibody (673) [NBP2-43572] - Analysis of A. 30 ug Jurkat whole cell lysate/extract B. 30 ug Raji whole cell lysate/extract C. 30 ug K562 whole cell lysate/extract D. 30 ug THP-1 whole cell lysate/extract E. 30 ug NCI-H929 whole cell lysate/extract 10 % SDS-PAGE IDH2 antibody dilution: 1:1000



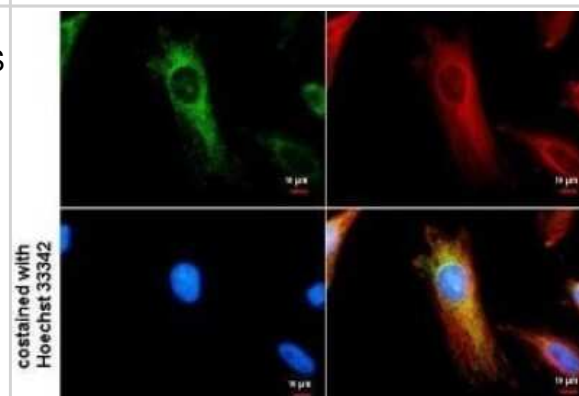
Western Blot: IDH2 Antibody (673) [NBP2-43572] - Analysis of A. 50 ug mouse brain lysate/extract 10 % SDS-PAGE IDH2 antibody [673] dilution: 1:1000.



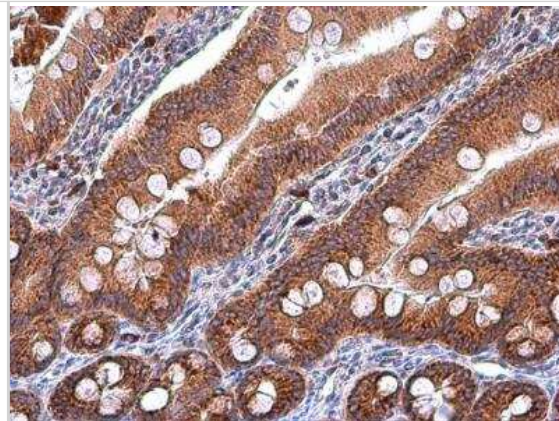
Western Blot: IDH2 Antibody (673) [NBP2-43572] - Analysis of A. 50 ug rat brain lysate/extract 12 % SDS-PAGE IDH2 antibody [673] dilution: 1:1000



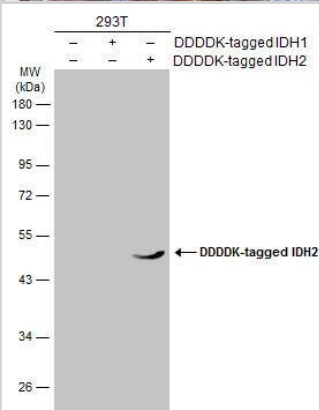
Immunocytochemistry/Immunofluorescence: IDH2 Antibody (673) [NBP2-43572] - Analysis of HeLa cells were fixed in 4% paraformaldehyde/PBS for 15 min. Green: IDH2 protein stained by IDH2 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



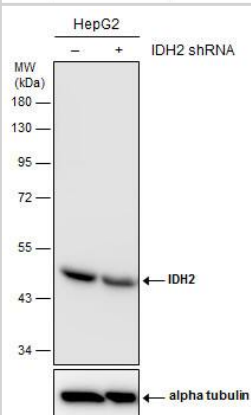
Immunohistochemistry-Paraffin: IDH2 Antibody (673) [NBP2-43572] - Rat duodenum [673] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with IDH2 antibody [GT673] (NBP2-43572) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Non-transfected (-) and transfected (+) HepG2 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH2 antibody [GT673] (NBP2-43572) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.

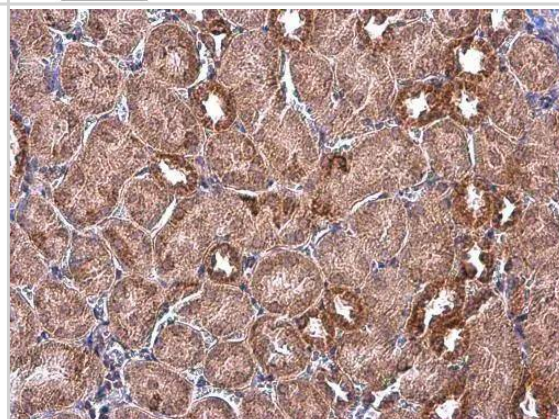


IDH2 antibody [GT673] detects IDH2 protein at cytoplasm in mouse kidney by immunohistochemical analysis.

Sample: Paraffin-embedded mouse kidney.

IDH2 antibody [GT673] (NBP2-43572) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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### **Products Related to NBP2-43572**

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|                  |                                                    |
|------------------|----------------------------------------------------|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

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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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