

# Product Datasheet

## Isocitrate Dehydrogenase 1/IDH1 Antibody - BSA Free NBP2-32150

Unit Size: 100 ul

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 2/23/2025 v.20.1

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**NBP2-32150**

Isocitrate Dehydrogenase 1/IDH1 Antibody - BSA Free

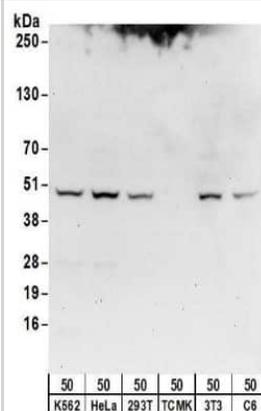
| Product Information |                                       |
|---------------------|---------------------------------------|
| Unit Size           | 100 ul                                |
| Concentration       | 1.0 mg/ml                             |
| Storage             | Store at 4C. Do not freeze.           |
| Clonality           | Polyclonal                            |
| Preservative        | 0.09% Sodium Azide                    |
| Isotype             | IgG                                   |
| Purity              | Immunogen affinity purified           |
| Buffer              | Tris-Citrate/Phosphate (pH 7.0 - 8.0) |

| Product Description |  |
|---------------------|--|
| Host                | Rabbit   |
| Gene ID             | 3417   |
| Gene Symbol         | IDH1   |
| Species             | Human, Mouse, Rat  |
| Immunogen           | The immunogen this antibody was made to, maps to a region between residue 364 to 414 of human Isocitrate Dehydrogenase 1 using the numbering given in entry NP_005887.2 (GenelD 3417). |

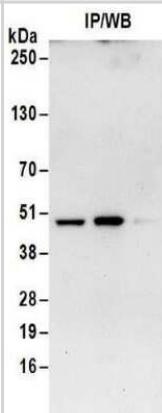
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunoprecipitation                                    |
| Recommended Dilutions       | Western Blot 1:500 - 1:2500, Immunoprecipitation 2 - 10 ug/mg lysate |

**Images**

Western Blot: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP2-32150] - Samples: Whole cell lysate (50 ug) from K562, HeLa, 293T, mouse TCMK-1, mouse NIH3T3, and rat C6 cells. Antibodies: Affinity purified rabbit anti-Isocitrate dehydrogenase antibody NBP2-32150 used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP2-32150] - Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-Isocitrate dehydrogenase antibody NBP2-32150 used for IP at 6 ug/mg lysate. For blotting immunoprecipitated Isocitrate dehydrogenase, NBP2-32150 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Malik RA, Zippel N, Fromel T et al. AMP-Activated Protein Kinase alpha2 in Neutrophils Regulates Vascular Repair via Hypoxia-Inducible Factor-1alpha and a Network of Proteins Affecting Metabolism and Apoptosis. *Circulation Research*. 2016-10-24 [PMID: 27777247] (WB, Mouse)





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### **Products Related to NBP2-32150**

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|               |   |
|---------------|---|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]               |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]         |
| NBP2-24891    | Rabbit IgG Isotype Control                                  |
| NBP1-87428PEP | Isocitrate Dehydrogenase 1/IDH1 Recombinant Protein Antigen |

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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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