

# Product Datasheet

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

Unit Size: 100 ul

Store at 4C. Do not freeze.

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### Publications: 1

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**NBP2-32150**

Isocitrate Dehydrogenase 1/IDH1 Antibody - BSA Free

**Product Information**

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

**Product Description**

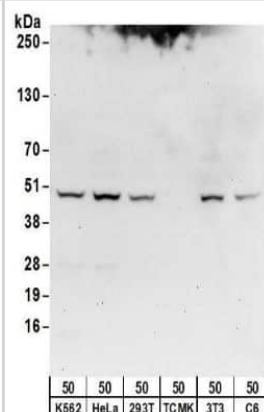
<b>Host</b>	Rabbit
<b>Gene ID</b>	3417
<b>Gene Symbol</b>	IDH1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	The immunogen this antibody was made to, maps to a region between residue 364 to 414 of human Isocitrate Dehydrogenase 1 using the numbering given in entry NP_005887.2 (GenelD 3417).

**Product Application Details**

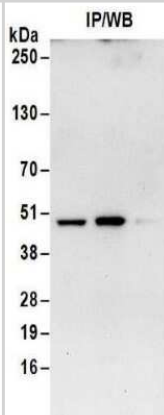
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2500, Immunoprecipitation 2 - 10 ug/mg lysate

**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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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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