

Product Datasheet

Isocitrate Dehydrogenase 1/IDH1 Antibody - BSA Free NBP1-31599

Unit Size: 100 ul

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

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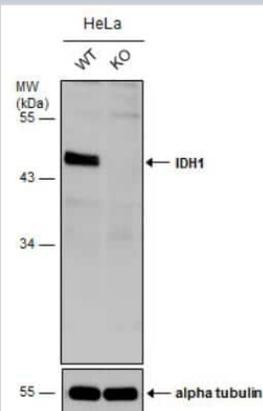


NBP1-31599**Isocitrate Dehydrogenase 1/IDH1 Antibody - BSA Free**

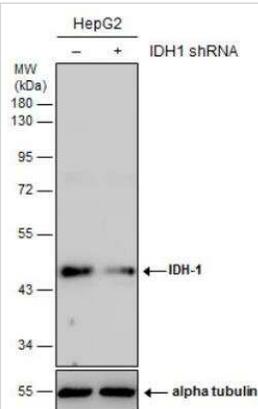
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	47 kDa
Product Description	
Host	Rabbit
Gene ID	3417
Gene Symbol	IDH1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human Isocitrate Dehydrogenase 1/IDH1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:1000-1:10000, Immunoprecipitation 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated, Knockdown Validated

Images

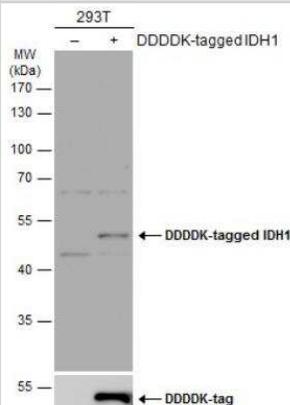
Western Blot: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599]
 - Wild-type (WT) and IDH1 knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH1 antibody. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



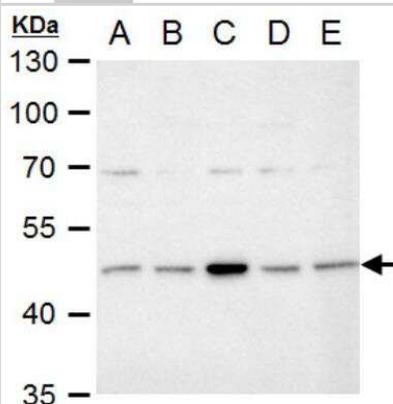
Western Blot: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599]
 - Non-transfected (-) and transfected (+) HepG2 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH1 antibody. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



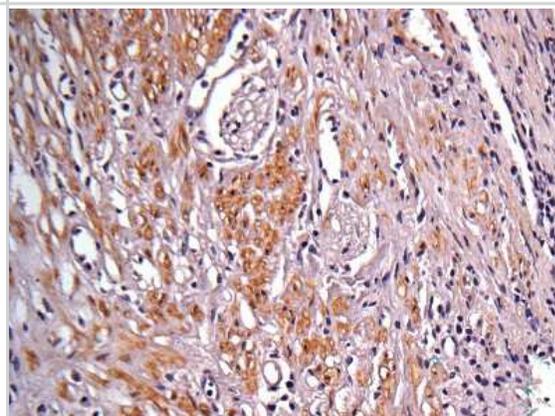
Western Blot: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599]
 - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH1 antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody



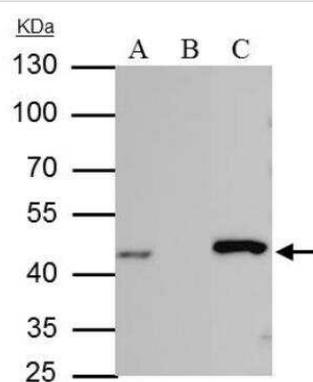
Western Blot: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599]
 - A. 30 ug Neuro2A whole cell extract B. 30 ug C8D30 whole cell extract
 C. 30 ug NIH-3T3 whole cell extract D. 30 ug Raw 264.7 whole cell
 extract E. 30 ug C2C12 whole cell extract 10 % SDS-PAGE IDH1
 antibody dilution: 1:1000



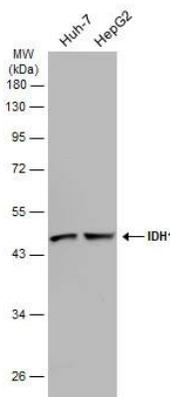
Immunohistochemistry-Paraffin: Isocitrate dehydrogenase Antibody [NBP1-31599] - Paraffin-embedded colon ca, using antibody at 1:100 dilution.



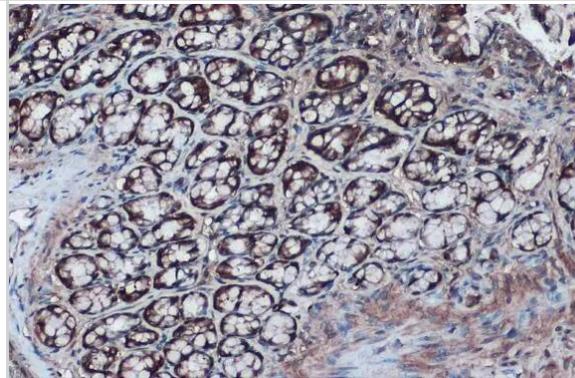
Immunoprecipitation: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599] - HepG2 whole cell lysate/extract A : 30 ug whole cell lysate/extract of IDH1 protein expressing HepG2 cells B : Control with 2.5 ug of pre-immune rabbit IgG C : Immunoprecipitation of IDH-1 protein by 2.5 ug of IDH-1 antibody 10% SDS-PAGE The immunoprecipitated IDH-1 protein was detected by IDH-1 antibody diluted at 1 : 1000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary reagent.



Western Blot: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Isocitrate Dehydrogenase 1/IDH1 antibody (NBP1-31599) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



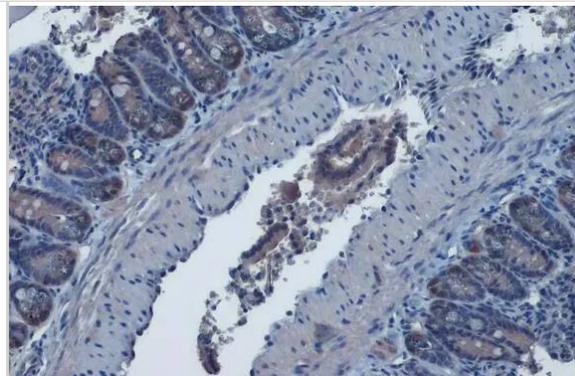
Immunohistochemistry-Paraffin: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599] - Isocitrate Dehydrogenase 1/IDH1 antibody detects Isocitrate Dehydrogenase 1/IDH1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat colon. Isocitrate Dehydrogenase 1/IDH1 stained by Isocitrate Dehydrogenase 1/IDH1 antibody (NBP1-31599) diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



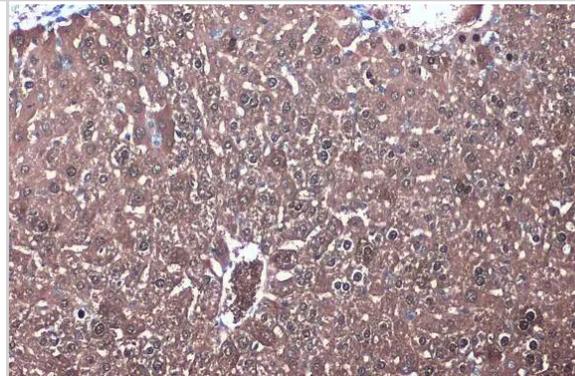
Immunohistochemistry-Paraffin: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599] - Isocitrate Dehydrogenase 1/IDH1 antibody detects Isocitrate Dehydrogenase 1/IDH1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat duodenum. Isocitrate Dehydrogenase 1/IDH1 stained by Isocitrate Dehydrogenase 1/IDH1 antibody (NBP1-31599) diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



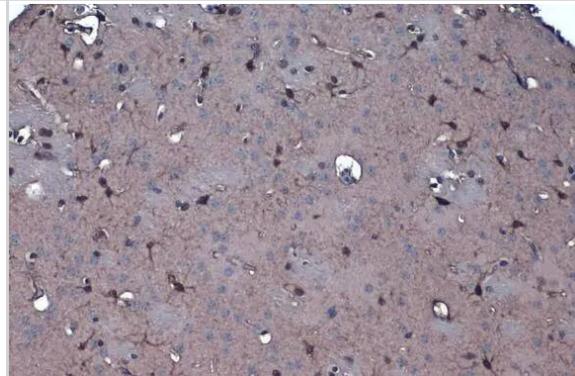
Immunohistochemistry-Paraffin: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599] - Isocitrate Dehydrogenase 1/IDH1 antibody detects Isocitrate Dehydrogenase 1/IDH1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse intestine. Isocitrate Dehydrogenase 1/IDH1 stained by Isocitrate Dehydrogenase 1/IDH1 antibody (NBP1-31599) diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



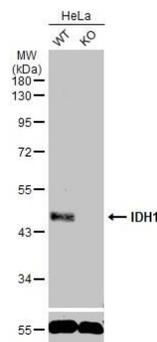
Immunohistochemistry-Paraffin: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599] - Isocitrate Dehydrogenase 1/IDH1 antibody detects Isocitrate Dehydrogenase 1/IDH1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse liver. Isocitrate Dehydrogenase 1/IDH1 stained by Isocitrate Dehydrogenase 1/IDH1 antibody (NBP1-31599) diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599] - Isocitrate Dehydrogenase 1/IDH1 antibody detects Isocitrate Dehydrogenase 1/IDH1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. Isocitrate Dehydrogenase 1/IDH1 stained by Isocitrate Dehydrogenase 1/IDH1 antibody (NBP1-31599) diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: Isocitrate Dehydrogenase 1/IDH1 Antibody [NBP1-31599] - Wild-type (WT) and IDH1 knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH1 antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

de Oliveira B M, Matsumura C Y et al. Quantitative proteomic analysis reveals metabolic alterations, calcium dysregulation, and increased expression of extracellular matrix proteins in laminin alpha 2 chain-deficient muscle. *Mol Cell Proteomics* 2014-01-11 [PMID: 24994560] (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
NBP2-52882PEP	Isocitrate Dehydrogenase 1/IDH1 Recombinant Protein Antigen

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