

Product Datasheet

Dihydrolipoamide Dehydrogenase/DLD Antibody - BSA Free NBP1-31302

Unit Size: 0.1 ml

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

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NBP1-31302**Dihydrolipoamide Dehydrogenase/DLD Antibody - BSA Free**

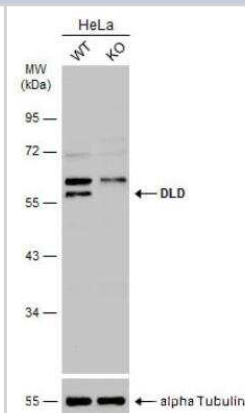
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	54 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Dihydrolipoamide Dehydrogenase/DLD Antibody - BSA Free (NBP1-31302) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1738
Gene Symbol	DLD
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (94%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Dihydrolipoamide Dehydrogenase/DLD. The exact sequence is proprietary.

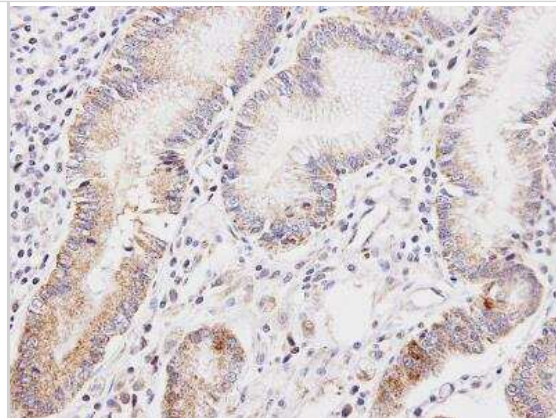
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000,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

Images

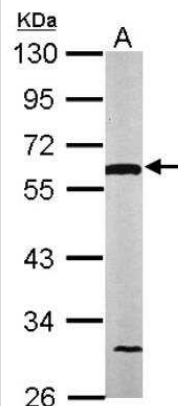
Western Blot: Dihydrolipoamide Dehydrogenase/DLD Antibody [NBP1-31302] - Wild-type (WT) and DLD knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with DLD antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



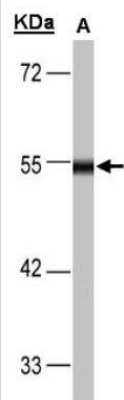
Immunohistochemistry-Paraffin: Dihydrolipoamide Dehydrogenase/DLD Antibody [NBP1-31302] - Human gastric cancer, using DLD antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



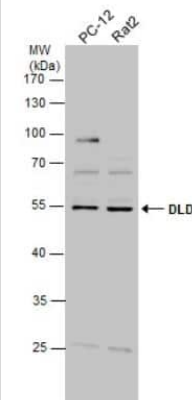
Western Blot: Dihydrolipoamide Dehydrogenase/DLD Antibody [NBP1-31302] - Sample (50 ug of whole cell lysate) A: Mouse brain 10% SDS PAGE diluted at 1:1000.



Western Blot: Dihydrolipoamide Dehydrogenase/DLD Antibody [NBP1-31302] - Sample(30 ug of whole cell lysate) A:293T 10% SDS PAGE, antibody diluted at 1:1000.



Western Blot: Dihydrolipoamide Dehydrogenase/DLD Antibody [NBP1-31302] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with DLD antibody diluted at 1:1000.

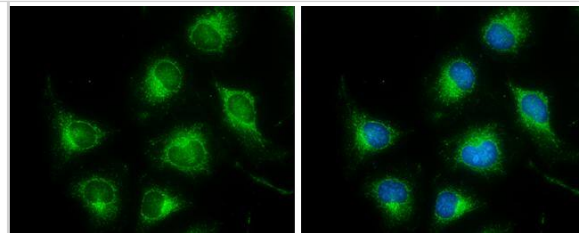


Dihydrolipoamide Dehydrogenase/DLD antibody detects Dihydrolipoamide Dehydrogenase/DLD protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: Dihydrolipoamide Dehydrogenase/DLD protein stained by Dihydrolipoamide Dehydrogenase/DLD antibody (NBP1-31302) diluted at 1:500.

Blue: Hoechst 33342 staining.



Publications

Sharma A, Atasi T, Collin F et al. The Proteomic Landscape of Parkin-Deficient and Parkin-Overexpressing Rat Nucleus Accumbens: An Insight into the Role of Parkin in Methamphetamine Use Disorder. *Biomolecules* 2025-07-29 [PMID: 40723830]



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Products Related to NBP1-31302

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

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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