

Product Datasheet

Dihydrolipoamide Dehydrogenase/DLD Antibody (PSH0-83) NBP3-32539

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32539**Dihydrolipoamide Dehydrogenase/DLD Antibody (PSH0-83)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH0-83
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	54 kDa

Product Description	
Description	Novus Biologicals Rabbit Dihydrolipoamide Dehydrogenase/DLD Antibody (PSH0-83) (NBP3-32539) is a recombinant monoclonal 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
Immunogen	Recombinant protein within human Dihydrolipoamide Dehydrogenase/DLD 21-509 / 509. (Uniprot: P09622)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:200, Immunohistochemistry-Paraffin 1:5000



Images

Western Blot: Dihydrolipoamide Dehydrogenase/DLD Antibody (PSH0-83) [NBP3-32539] - Western blot analysis of Dihydrolipoamide Dehydrogenase/DLD on different lysates with Rabbit anti-Dihydrolipoamide Dehydrogenase/DLD antibody (NBP3-32539) at 1/1,000 dilution.

Lane 1: Jurkat cell lysate (20 ug/Lane)
 Lane 2: HeLa cell lysate (20 ug/Lane)
 Lane 3: 293T cell lysate (20 ug/Lane)
 Lane 4: MCF7 cell lysate (20 ug/Lane)
 Lane 5: K-562 cell lysate (20 ug/Lane)
 Lane 6: SK-Br-3 cell lysate (20 ug/Lane)
 Lane 7: U-937 cell lysate (20 ug/Lane)
 Lane 8: HepG2 cell lysate (20 ug/Lane)
 Lane 9: NIH/3T3 cell lysate (20 ug/Lane)
 Lane 10: Mouse liver tissue lysate (40 ug/Lane)

Predicted band size: 54 kDa
 Observed band size: 54 kDa

Exposure time: 1 minute;

4-20% SDS-PAGE gel.

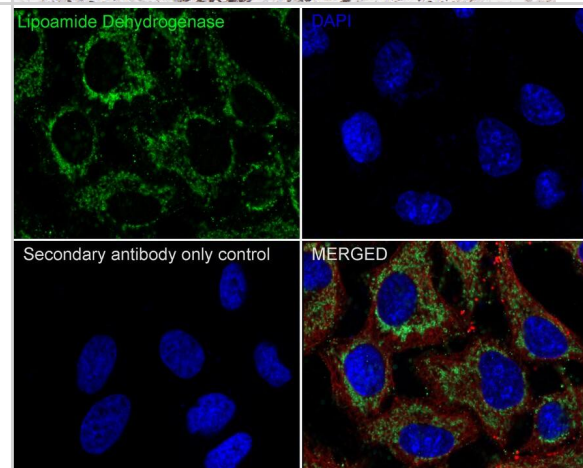
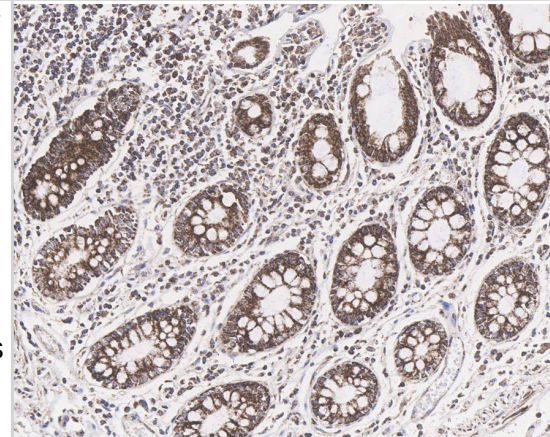
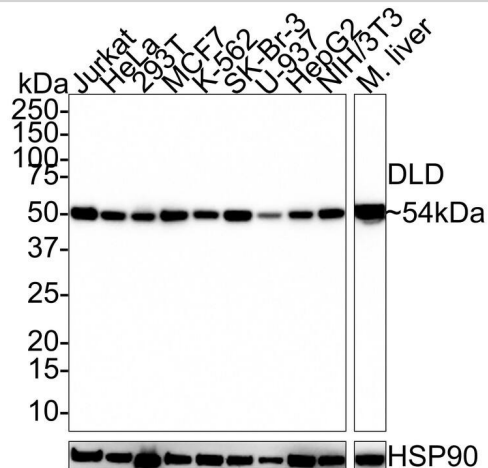
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32539) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Dihydrolipoamide Dehydrogenase/DLD Antibody (PSH0-83) [NBP3-32539] - Immunohistochemical analysis of paraffin-embedded human colon tissue with Rabbit anti-Dihydrolipoamide Dehydrogenase/DLD antibody (NBP3-32539) at 1/5,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32539) at 1/5,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunocytochemistry/ Immunofluorescence: Dihydrolipoamide Dehydrogenase/DLD Antibody (PSH0-83) [NBP3-32539] - Immunocytochemistry analysis of HeLa cells labeling Dihydrolipoamide Dehydrogenase/DLD with Rabbit anti-Dihydrolipoamide Dehydrogenase/DLD antibody (NBP3-32539) at 1/200 dilution.

Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-Dihydrolipoamide Dehydrogenase/DLD antibody (NBP3-32539) at 1/200 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.





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Products Related to NBP3-32539

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-13926PEP	Dihydrolipoamide Dehydrogenase/DLD Recombinant Protein Antigen

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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