

Product Datasheet

LDB2 Antibody - BSA Free NB600-480

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NB600-480

LDB2 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

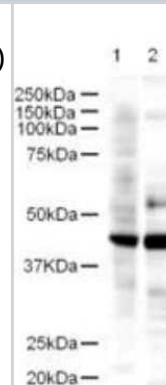
Product Description	
Description	This affinity purified antibody is directed against mouse LDB2. The product was affinity purified from monospecific antiserum by immunoaffinity purification Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	9079
Gene Symbol	LDB2
Species	Human, Mouse
Reactivity Notes	A BLAST analysis was used to suggest reactivity with this protein from mouse, human, chimpanzee, dog, rat and chicken based on 100% homology for the immunogen sequence. Cross reactivity with LDB2 homologues from other sources has not been determined.
Immunogen	This affinity purified LDB2 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near aa 100-125 of Mouse LDB2. (Uniprot: O55203)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:5000-1:20000, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml
Application Notes	This affinity purified antibody has been tested for use in ELISA, IHC, and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 43 kDa in size corresponding to LDB2 by western blotting in the appropriate cell lysate or extract.

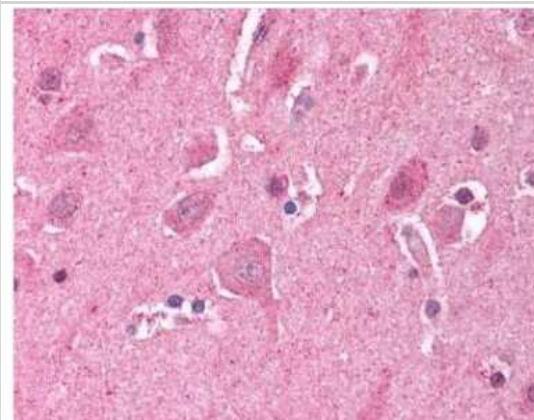


Images

Western Blot: LDB2 Antibody [NB600-480] - Analysis of a 43-kDa band corresponding to LDB2 in a lysates prepared from human kidney (lane 1) and mouse spleen (lane 2) tissues. Approximately 18 ug of lysate was run on a SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:500 dilution of anti-LDB2 antibody. Detection occurred using a 1:5,000 dilution of HRP-labeled Goat anti-Rabbit IgG for 1 hour at room temperature. A chemiluminescence system was used for signal detection (Roche) using a 1 min exposure time.



Immunohistochemistry: LDB2 Antibody [NB600-480] - Used at a 5 ug/ml to detect LDB2 in human brain cortex tissue. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counter stain. Tissue was formalin-fixed and paraffin embedded.



Publications

Michela Terri, Pilar Sandoval, Giulio Bontempi, Claudia Montaldo, Henar Tomero-Sanz, Valeria de Turris, Flavia Trionfetti, Lucía Pascual-Antón, Irene Clares-Pedrero, Cecilia Battistelli, Sergio Valente, Clemens Zwergel, Antonello Mai, Laura Rosanò, Miguel Ángel Del Pozo, Miguel Sánchez-Álvarez, Carlos Cabañas, Marco Tripodi, Manuel López-Cabrera, Raffaele Strippoli HDAC1/2 control mesothelium/ovarian cancer adhesive interactions impacting on Talin-1- $\alpha 5\beta 1$ -integrin-mediated actin cytoskeleton and extracellular matrix protein remodeling. Journal of experimental & clinical cancer research : CR 2024-01-24 [PMID: 38254102]



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Products Related to NB600-480

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55705PEP	LDB2 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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