

Mouse anti-Human LDB3 Monoclonal Antibody | anti-LDB3 antibody

LDB3 (LIM Domain-binding Protein 3, Protein Cypher, Z-band Alternatively Spliced PDZ-motif Protein, KIAA0613, ZASP) (HRP)

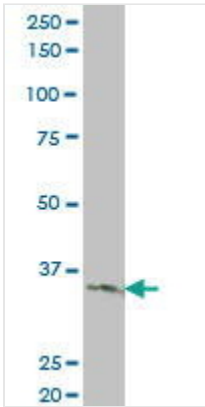
CATALOG # AAA25437	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

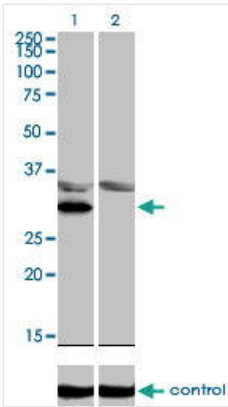
LDB3; Monoclonal Antibody; LDB3 (LIM Domain-binding Protein 3; Protein Cypher; Z-band Alternatively Spliced PDZ-motif Protein; KIAA0613; ZASP) (HRP); anti-LDB3 antibody

PRODUCT SPECIFICATIONS

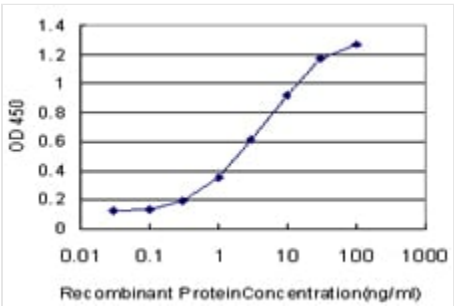
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3C8
Specificity	Recognizes human LDB3.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-LDB3 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full-length recombinant corresponding to aa1-284 from LDB3 (AAH10929) with GST tag. MW of the GST tag alone is 26kD.
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



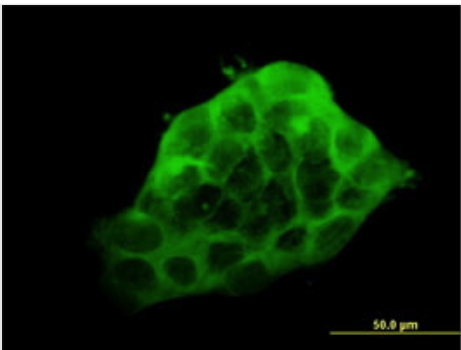
WB (Western Blot)
LDB3 monoclonal antibody Western Blot analysis of LDB3 expression in A-431.



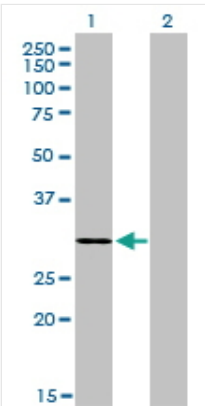
WB (Western Blot)
Western blot analysis of LDB3 over-expressed 293 cell line, cotransfected with LDB3 Validated Chimera RNAi ((Lane 2) or non-transfected control (Lane 1). Blot probed with LDB3 monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.



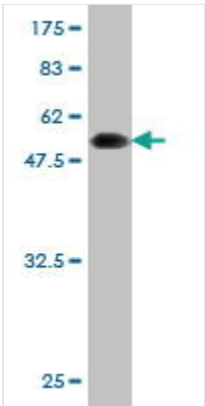
Application Data
Detection limit for recombinant GST tagged LDB3 is ~0.03ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to LDB3 on A-431 cell. [antibody concentration 10ug/ml]



WB (Western Blot)
Western Blot analysis of LDB3 expression in transfected 293T cell line by LDB3 monoclonal antibody. Lane 1: LDB3 transfected lysate (31kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
Western Blot detection against Immunogen (57.24kD).

ADDITIONAL INFORMATION

Related Product Information for anti-LDB3 antibody	May function as an adapter in striated muscle to couple protein kinase C-mediated signaling via its LIM domains to the cytoskeleton.
Product Categories/Family for anti-LDB3 antibody	Antibodies; Binding Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	34782880
NCBI GeneID	11155
Molecular Weight	78,504 Da
NCBI Official Full Name	Homo sapiens LIM domain binding 3, mRNA
NCBI Official Synonym Full Names	LIM domain binding 3
NCBI Official Symbol	LDB3
NCBI Official Synonym Symbols	MFM4; ZASP; CMD1C; CMH24; CMPD3; LVNC3; CYPHER; LDB3Z1; LDB3Z4; ORACLE; PDLIM6
NCBI Protein Information	LIM domain-binding protein 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ldb3-antibody-clone-3c8-western-blot-elisa/25437>