

Datasheet for ABIN2777701

anti-LIM Domain Binding 2 Protein antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	LIM Domain Binding 2 Protein (LDB2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIM Domain Binding 2 Protein antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LDB2
Sequence:	DDATLTLSTFC LEDGPKRYTI GRTLIPRYFS TVFEGGVTDL YYILKHSKES
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against LDB2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	LIM Domain Binding 2 Protein (LDB2)
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Target Details

Alternative Name:	LDB2 (LDB2 Products)
Background:	LDB2 belongs to the LDB family. LDB2 binds to the LIM domain of a wide variety of LIM domain-containing transcription factors. LIM domains are required for both inhibitory effects on LIM homeodomain transcription factors and synergistic transcriptional activation events. The inhibitory actions of the LIM domain can often be overcome by the LIM co-regulators known as CLIM2, LDB2 and NLI. LIM homeoproteins and CLIMs are involved in a variety of developmental processes. Alias Symbols: LDB1, CLIM1 Protein Interaction Partner: LHX4, RILP, LMO3, RASIP1, SSBP3, SSBP2, LMO4, TSNAX, UBC, SSBP4, ISL1, LHX9, RLIM, Protein Size: 373
Molecular Weight:	43 kDa
Gene ID:	9079
NCBI Accession:	NM_001290 , NP_001281
UniProt:	O43679
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 373 AA
Restrictions:	For Research Use only

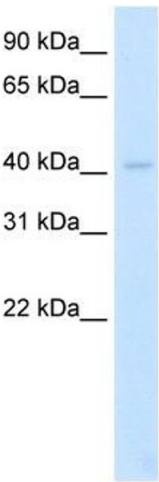
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-LDB2 Antibody Titration: 2.5ug/ml ELISA Titer: 1:1562500 Positive Control: Human Lung