Datasheet for ABIN7465977

anti-LIM Domain Binding 2 Protein antibody

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Overview

Quantity:	100 µL
Target:	LIM Domain Binding 2 Protein (LDB2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIM Domain Binding 2 Protein antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human LDB2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	LIM Domain Binding 2 Protein (LDB2)
Alternative Name:	LIM domain binding 2 (LDB2 Products)
Background:	LIM domain binding 2 , CLIM1 , LDB-2 , LDB1,Genes encoding LIM domain-binding factors were initially isolated in a screen for proteins that physically interact with the LIM domains of nuclear proteins (summarized by Semina et al., 1998 [PubMed 9799849]). These proteins, such as the

Target Details

	one encoded by the LDB2 gene, are capable of binding to a variety of transcription factors and are likely to function at enhancers to bring together diverse transcription factors and form higher order activation complexes or to block formation of such complexes (Jurata and Gill, 1997 [PubMed 9315627]). The family of genes encoding LIM domain-binding factors includes 2 members isolated from the mouse, Clim1 (Bach et al., 1997 [PubMed 9192866]) and Clim2/Lbd1/Nli (Agulnick et al., 1996 [PubMed 8918878], Jurata et al., 1996 [PubMed 8876198], Bach et al., 1997 [PubMed 9192866]) and their homologs cloned from the frog, chicken, and fly. The fact that LIM domain-binding factors are likely to be involved in the coordination of the transcriptional activity of many diverse factors might implicate them in human phenotypes characterized by multiple affected sites.[supplied by OMIM]
Molecular Weight:	43 kDa
Gene ID:	9079
UniProt:	O43679
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa , Mouse brain
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.73 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

