

Datasheet for ABIN1538145

anti-LIM Domain Binding 3 Protein antibody (AA 235-262)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	LIM Domain Binding 3 Protein (LDB3)
Binding Specificity:	AA 235-262
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIM Domain Binding 3 Protein antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This LDB3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235-262 amino acids from the Central region of human LDB3.
Clone:	RB36787
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	LIM Domain Binding 3 Protein (LDB3)
Alternative Name:	LDB3 (LDB3 Products)
Background:	This gene encodes a PDZ domain-containing protein. PDZ motifs are modular protein-protein

Target Details

interaction domains consisting of 80-120 amino acid residues. PDZ domain-containing proteins interact with each other in cytoskeletal assembly or with other proteins involved in targeting and clustering of membrane proteins. The protein encoded by this gene interacts with alpha-actinin-2 through its N-terminal PDZ domain and with protein kinase C via its C-terminal LIM domains. The LIM domain is a cysteine-rich motif defined by 50-60 amino acids containing two zinc-binding modules. This protein also interacts with all three members of the myozenin family. Mutations in this gene have been associated with myofibrillar myopathy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been identified, all isoforms have N-terminal PDZ domains while only longer isoforms (1, 2 and 5) have C-terminal LIM domains. [provided by RefSeq].

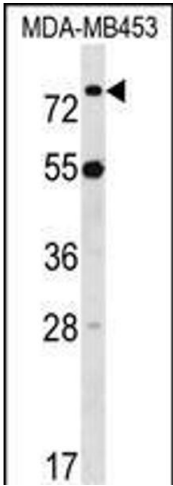
Molecular Weight:	77135
Gene ID:	11155
NCBI Accession:	NP_001073583 , NP_001073584 , NP_001073585 , NP_001165081 , NP_001165082 , NP_009009
UniProt:	O75112

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	LDB3 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. LDB3 Antibody (Center) (ABIN1538145 and ABIN2848672) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the LDB3 antibody detected the LDB3 protein (arrow).