LDB3 Polyclonal Antibody

Catalog No: #30932

Package Size: #30932-1 50ul #30932-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	LDB3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human LDB3 (NP_001073585.1).
Other Names	LDB3;CMD1C;CMH24;CMPD3;CYPHER;LDB3Z1;LDB3Z4;LVNC3;MFM4;ORACLE;PDLIM6;ZASP
Accession No.	Uniprot:O75112GeneID:11155
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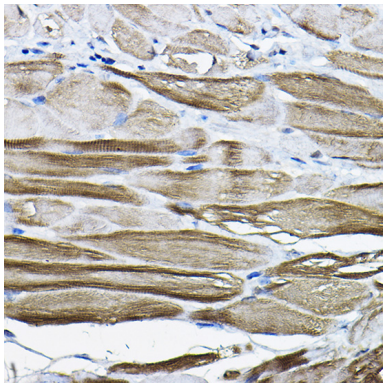
GeneID	11155
Calculated MW	50kDa/90kDa
SDS-PAGE MW	50kDa/90kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

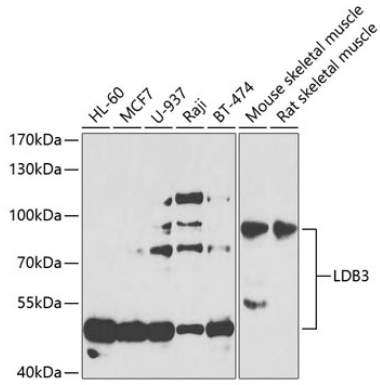
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

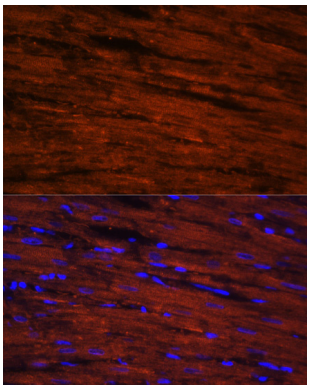
Images



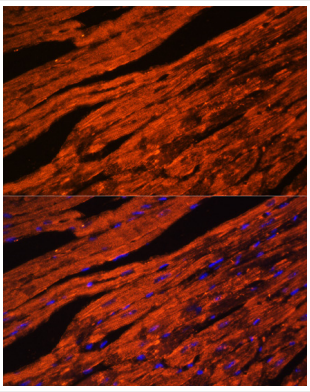
Immunohistochemistry of paraffin-embedded mouse stomach using LDB3 Rabbit pAb.



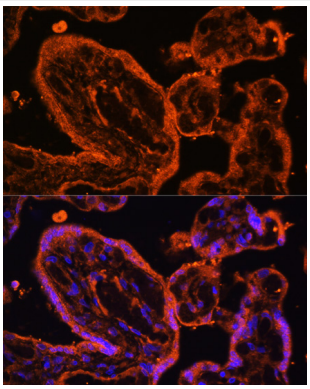
Western blot analysis of extracts of various cell lines, using LDB3 antibody.



Immunofluorescence analysis of rat heart cells using LDB3 antibody.



Immunofluorescence analysis of mouse heart cells using LDB3 antibody.



Immunofluorescence analysis of human placenta cells using LDB3 antibody.

Background

This gene encodes a PDZ domain-containing protein. PDZ motifs are modular protein-protein 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.

Note: This product is for in vitro research use only