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LDB3 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20668a

Product Information

Application	WB, E
Primary Accession	O75112
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB48837
Calculated MW	77135

Additional Information

Gene ID	11155
Other Names	LIM domain-binding protein 3, Protein cypher, Z-band alternatively spliced PDZ-motif protein, LDB3 (HGNC:15710)
Target/Specificity	This LDB3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 101-134 amino acids from the N-terminal region of human LDB3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LDB3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LDB3 (HGNC:15710)
Function	May function as an adapter in striated muscle to couple protein kinase C-mediated signaling via its LIM domains to the cytoskeleton.
Cellular Location	Cytoplasm, perinuclear region. Cell projection, pseudopodium. Cytoplasm,

	cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line. Note=Localized to the cytoplasm around nuclei and pseudopodia of undifferentiated cells and detected throughout the myotubes of differentiated cells. Colocalizes with ACTN2 at the Z-lines
Tissue Location	Expressed primarily in skeletal muscle and to a lesser extent in heart. Also detected in brain and placenta

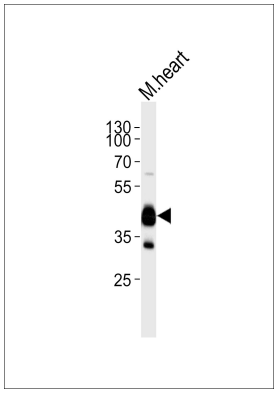
Background

May function as an adapter in striated muscle to couple protein kinase C-mediated signaling via its LIM domains to the cytoskeleton.

References

Faulkner G.,et al.J. Cell Biol. 146:465-475(1999).
Zeng G.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.
Ishikawa K.,et al.DNA Res. 5:169-176(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).

Images



Western blot analysis of lysate from mouse heart tissue lysate, using LDB3 Antibody (N-term)(Cat. #AP20668a). AP20668a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.