

LDB3 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20668a

Product Information

Application	WB, E
Primary Accession	O75112
Reactivity	Human, Mouse
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

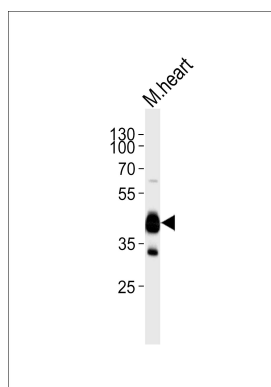
Background

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'.