

DNAxPAb

Hard-to-Find
Antibody

LDB3 DNAxPab

Catalog # H00011155-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LDB3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSYSVTLTGPGPWGFRLLQGGKDFNMPLTISRITPGSKAAQSQLSQGDLVVAIDGVNTDTMTHLEA QNKIKSASYNLSLTLQKSKRPISTTAPPVQTPLPVIHQKVVVNSPANADYQERFNPSALKDSAL STHKPIEVKGLGGKATIIHAQYNTPIISMYSQDAIMDAIAGQAQAQGSDFSGSLPIKDLAVDSASPVY QAVIKSQNKPEDEADEWARRSSNLQSRSFRLAQMTGTEFMQDPDEEALRRSRERFETERNSPR FAKLRNWHHGLSAQILNVKS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — LDB3

Entrez GeneID [11155](#)

GeneBank Accession# [NM_001080116.1](#)

Protein Accession# [NP_001073585.1](#)

Gene Name LDB3

Gene Alias CYPHER, FLJ35865, KIAA01613, KIAA0613, ORACLE, PDLIM6, ZASP, ldb3z1, ldb3z4

Gene Description LIM domain binding 3

Omim ID [605906 609452](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 and 2) have C-terminal LIM domains. [provided by RefSeq]

Other Designations OTTHUMP00000020008|OTTHUMP00000020009|PDZ and LIM domain 6

Disease

- [Alzheimer Disease](#)
- [Cardiomyopathy](#)
- [Genetic Predisposition to Disease](#)
- [Muscular Dystrophies](#)