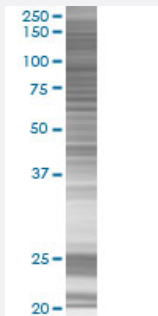


LDB3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00011155-T01

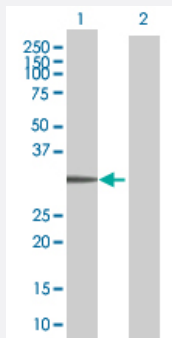
Size 100 uL

Applications



SDS-PAGE Gel

LDB3 transfected lysate.



Western Blot

Lane 1: LDB3 transfected lysate (31 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-LDB3 full-length
Host	Human
Theoretical MW (kDa)	31
Interspecies Antigen Sequence	Mouse (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-LDB3 antibody ([H00011155-B01](#)) by Western Blots.
SDS-PAGE Gel
LDB3 transfected lysate.
Western Blot
Lane 1: LDB3 transfected lysate (31 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — LDB3

Entrez GeneID[11155](#)**GeneBank Accession#**[BC010929.2](#)**Protein Accession#**[-](#)**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](#)