

ARG63855 anti-ZASP / CYPHER / LDB3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ZASP / CYPHER / LDB3
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ZASP / CYPHER / LDB3
Species	Human
Immunogen	C-KSQNKPEDEADE
Conjugation	Un-conjugated
Alternate Names	Protein cypher; Z-band alternatively spliced PDZ-motif protein; PDLIM6; CYPHER; CMPD3; CMH24; ZASP; LDB3Z4; ORACLE; LVNC3; LDB3Z1; MFM4; LIM domain-binding protein 3; CMD1C

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 1 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 11155 Human](#)

[Swiss-port # O75112 Human](#)

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. [provided by RefSeq, Jan 2010]

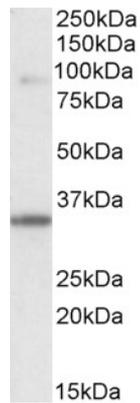
Research Area

Signaling Transduction antibody

Calculated Mw

77 kDa

Images



ARG63855 anti-ZASP / CYPHER / LDB3 antibody WB image

Western blot: Human Skeletal Muscle lysate (35 µg protein in RIPA buffer) stained with ARG63855 anti-ZASP / CYPHER / LDB3 antibody at 0.1 µg/ml dilution.