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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06923 - Goat Anti-ZASP/ CYPHER / LDB3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: LDB3, ZASP, LIM domain binding 3, HGNC:15710, KIAA01613, KIAA0613, ORACLE, PDLIM6, PDZ and LIM domain 6, Z-band alternatively spliced PDZ-motif, CYPHER, FLJ35865, ldb3z1, ldb3z4

Official Symbol: LDB3

Accession Number(s): NP_009009.1; NP_001073583.1; NP_001073584.1; NP_001073585.1

Human GeneID(s): [11155](#)

Immunogen

Peptide with sequence C-KSQNKPEDEADE, from the internal region of the protein sequence according to NP_009009.1; NP_001073583.1; NP_001073584.1; NP_001073585.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

Western blot: Western Blot experiments gave bands at approx 90kDa and 35kDa in Human Skeletal Muscle lysate after 1µg/ml antibody staining. These bands correspond to earlier findings in literature with different antibodies (Huang et al J Biol Chem. 2003 Feb 28;278(9):7360-5; PMID: 12499364). This protein has a calculated MW of 77.1kDa according to NP_009009.1. Recommended concentration: 0.1-1µg/ml.

IHC: Paraffin embedded Human Heart. Recommended concentration: 6-7µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig

EB06923 (0.1µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB06923 (6µg/ml) staining of paraffin embedded Human Heart. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB06923 Negative Control showing staining of paraffin embedded Human Heart, with no primary antibody.