

## UK Office

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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

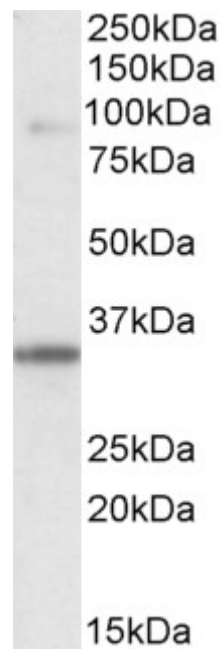
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**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.

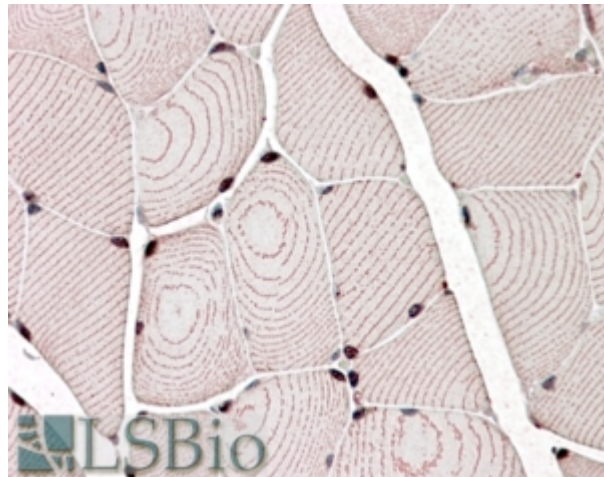
### Species Reactivity

**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 (3.8µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**