



## UK Office

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

## EB06508 - Goat Anti-SLIMMER / FHL1 isoform B Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FHL1, KYO-T, SLIM1, bA535K18.1, four and a half LIM domains 1, Four-and-a-half LIM domains 1, bA535K18.1 (LIM protein SLIMMER), RP11-535K18.1, FHL1A, FHL1B, FLH1A, KYOT, MGC111107, SLIMMER,, XMPMA, LIM protein SLIMMER, four-and-a-half Lin11, Isl-1 and Mec-3 domains 1, skeletal muscle LIM-protein1

**Official Symbol:** FHL1

**Accession Number(s):** AAC72886.1

**Human GeneID(s):** [2273](#)

**Important Comments:** This antibody is specific for the FHL-1 isoform B (SLIMMER) and is expected to recognise an epitope corresponding to aa 233-246 of human SLIMMER protein.

### Immunogen

Peptide with sequence CTVSRVSHPVSKARK, from the internal region of the protein sequence according to AAC72886.1.

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 1:128000.

**Western blot:** Approx 30kDa band observed in Human Heart lysates is consistent with literature (PMID:10480922; calculated MW of 36.3kDa according to AAC72886).

Recommended concentration: 0.01-0.1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Dog



EB06508 (0.01µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.