



## UK Office

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

## EB06507-B - Goat Anti-FHL1 / SLIM1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** FHL1

**Accession Number(s):** NP\_001440.2; NP\_001153171.1

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

**Non-Human GeneID(s):** 14199 (mouse), 25177 (rat)

**Important Comments:** This antibody is expected to recognise isoforms 2 (NP\_001440.1) and 5 (NP\_001153171.1). Since June 2009 the second N residue in the immunizing peptide is no longer representative as it has been substituted by Q at position 284 of NP\_001440.2. Variants NP\_001440.2, NP\_001153176.1 and NP\_001153172.1 represent identical protein.

### Immunogen

Peptide with sequence CNKRQVFNNEQVY., from the internal region of the protein sequence according to NP\_001440.2; NP\_001153171.1.

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

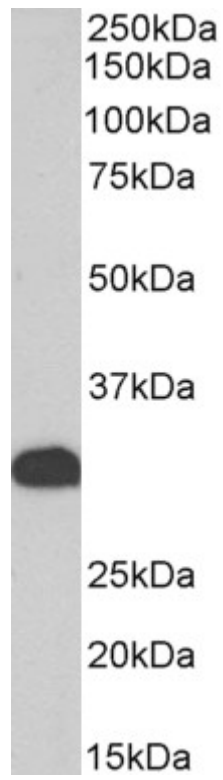
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 30kDa band observed in Human Heart lysates (calculated MW of 31.9kDa according to NP\_001440.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

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



Biotinylated EB06507 (0.3 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.