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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 GenelD(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 CNKRFVFHNEQVY., 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 (0.3µg/ml) staining of Human Heart lysate (35µg 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.