

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB06507 - Goat Anti-FHL1 / SLIM1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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 CNKRFFVHNEQVY, 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 1:32000.

Western blot: Approx 30kDa band observed in Human Muscle lysates (calculated MW of 31.9kDa according to NP_001440). Recommended concentration: 0.05-0.3µg/ml.

IHC: In paraffin embedded Human Testis shows fibrous staining in the cytoplasm of developing sperm cells.. Recommended concentration: 2µg/ml.

Species Reactivity

Tested: Human, Mouse

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

Specific Reference

This antibody has been successfully used in Mouse in the following paper:

Tang T, Lai NC, Hammond HK, Roth DM, Yang Y, Guo T, Gao MH.

Adenylyl cyclase 6 deletion reduces left ventricular hypertrophy, dilation, dysfunction, and fibrosis in pressure-overloaded female mice.

J Am Coll Cardiol. 2010 Apr 6;55(14):1476-86.

PMID: 20359598

EB06507 staining (0.05µg/ml) of Human Muscle lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

EB06507 (2.5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.