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Research Use Only. Not for diagnostic or therapeutic use.

EB07893 - Goat Anti-ATG16L1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ATG16, autophagy related 16-like 1 (S. cerevisiae), hCG_1817841, APG16L, ATG16L, FLJ00045, FLJ10035, FLJ10828, FLJ22677, WDR30, APG16 autophagy 16-like, APG16L beta, ATG16 autophagy related 16-like protein 1, WD repeat

domain 30

Official Symbol: ATG16L1

Accession Number(s): NP_110430.5; NP_060444.3

Human GeneID(s): 55054

Important Comments: This antibody is expected to recognise both reported isoforms

(NP_110430.5 and NP_060444.3).

Immunogen

Peptide with sequence C-KVEKVLSKQHSSSIN, from the internal region (near the C Terminus) of the protein sequence according to NP_110430.5; NP_060444.3.

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 65kDa band observed in Mouse Brain lysates (calculated MW of

68.1kDa according to Mouse NP_084122.2). Recommended concentration:

0.01-0.1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Skin. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Mouse, Human

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

250kDa 150kDa 100kDa

75kDa

50kDa

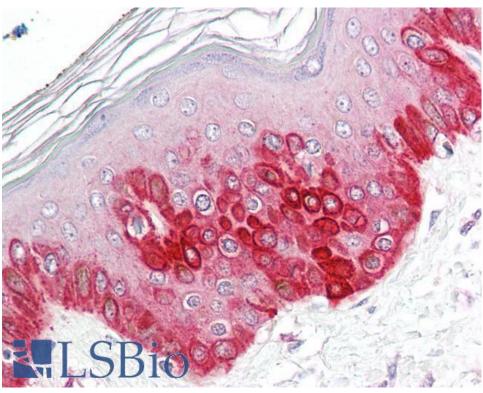
37kDa

25kDa

20kDa

15kDa

EB07893 (0.1 μ g/ml) staining of Mouse Brain lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07893 (3.75µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.