EB09224 - Goat Anti-ATG4C Antibody

Size: 100µg specific antibody in 200µl

International Office

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Target Protein

Principal Names: ATG4C, ATG4 autophagy related 4 homolog C (S. cerevisiae), APG4-C, APG4C, AUTL1, AUTL3, FLJ14867, APG4 autophagy 4 homolog C, AUT-like 1, cysteine endopeptidase, AUT-like 3 cysteine endopeptidase, OTTHUMP00000010715, autophagin-3, autophagy-related cysteine endopeptidase 3
Official Symbol: ATG4C
Accession Number(s): NP_116241.2; NP_835739.1
Human GeneID(s): 84938
Non-Human GeneID(s): 242557 (mouse), 313391 (rat)
Important Comments: Reported variants represent identical protein: NP_116241.2, NP_835739.1

Immunogen

Peptide with sequence C-EDEKKQLKRFSTEE, from the C- terminus of the protein sequence according to NP_116241.2; NP_835739.1.

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 50kDa band observed in Human Skeletal Muscle lysates (calculated MW of 52.5kDa according to NP_116241.2). Recommended concentration: 2-6µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Dog, Cow

EB09224 (2µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.