

Goat anti-ATG4C Antibody

Item Number	dAP-2965
Target Molecule	Principle Name: ATG4C; Official Symbol: ATG4C; All Names and Symbols: 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; OTTHUMP0000010715; autophagin-3; autophagy-related cystei; Accession Number (s): NP_116241.2; NP_835739.1; Human Gene ID(s): 84938; Non-Human GeneID(s): 242557 (mouse) 313391 (rat)
Immunogen	EDEKKQLKRFSTEE, is from C- terminus Reported variants represent identical protein: NP_116241.2, NP_835739.1
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Kathiresan S, Melander O, Guiducci C, Surti A, Burtt NP, Rieder MJ, Cooper GM, Roos C, Voight BF, Havulinna AS, Wahlstrand B, Hedner T, Corella D, Tai ES, Ordovas JM, Berglund G, Vartiainen E, Jousilahti P, Hedblad B, Taskinen MR, Newton-Cheh C, Salomaa V Six new loci associated with blood

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**