

Goat anti-ATG16L1 Antibody

Item Number	dAP-1403
Target Molecule	Principle Name: ATG16L1; Official Symbol: ATG16L1; All Names and Symbols: 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; Accession Number (s): NP_110430.5; NP_060444.3; Human Gene ID(s): 55054; Non-Human GeneID(s):
Immunogen	KVEKVLKQHSIN, is from internal region (near the C Terminus) This antibody is expected to recognise both reported isoforms (NP_110430.5 and NP_060444.3).
Applications	Pep ELISA, WB, IHC Species Tested: Mouse, 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 32000.
Western Blot	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	Immunohistochemistry: Paraffin embedded Human Skin. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Rioux JD, Xavier RJ, Taylor KD, Silverberg MS, Goyette P, Huett A, Green T, Kuballa P, Barmada MM, Datta LW, Shugart YY, Griffiths AM, Targan SR, Ippoliti AF, Bernard EJ, Mei L, Nicolae DL, Regueiro M, Schumm LP, Steinhart AH, Rotter JI, Duerr RH, Cho JH, Genome-wide association study

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**