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ATG16L1 Antibody

CATALOG NUMBER: 46-814

Western blot analysis of ATG16L1 in mouse brain lysate (35 ug protein in RIPA buffer) using ATG16L1 Antibody at 0.1 ug/mL. Primary incubation was 1 hour.

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32,000. Western Blot: Approximately 65 kDa band observed in mouse brain lysates (calculated MW of 68.1 kDa according to mouse NP_084122.2). Recommended concentration: 0.01-0.1 ug/mL.
SPECIFICITY:	This antibody is expected to recognise both reported isoforms (NP_110430.5 and NP_060444.3).
IMMUNOGEN:	ATG16L1 antibody was raised against a 15 amino acid synthetic peptide near the internal region (near the C-Terminus) of ATG16L1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ATG16L1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ATG16L1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE 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, UNQ9393/PRO34307
ACCESSION NO.:	NP_110430.5, NP_060444.3
PROTEIN GI NO.:	124256480

OFFICIAL SYMBOL:	ATG16L1
GENE ID:	55054

Background

REFERENCES:	1) 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 identifies new susceptibility loci for Crohn disease and implicates autophagy in disease pathogenesis. Nat Genet. 2007 May;39(5):596-604. Epub 2007 Apr 15.

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