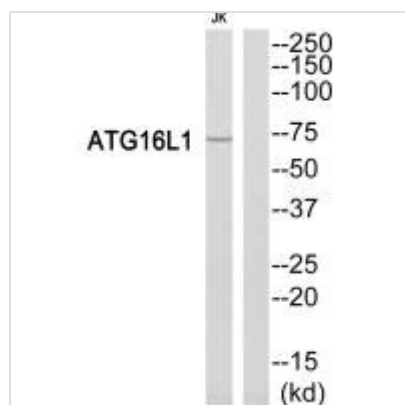




ATG16L1 Antibody

Product Code	CSB-PA557520
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q676U5
Immunogen	Synthesized peptide derived from Internal of Human ATG16L1.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total ATG16L1 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Plays an essential role in autophagy: interacts with ATG12-ATG5 to mediate the conjugation of phosphatidylethanolamine (PE) to LC3 (MAP1LC3A, MAP1LC3B or MAP1LC3C), to produce a membrane-bound activated form of LC3 named LC3-II. Thereby, controls the elongation of the nascent autophagosomal membrane. Zheng H., DNA Seq. 15:303-305(2004). Hampe J., Nat. Genet. 39:207-211(2007). Clark H.F., Genome Res. 13:2265-2270(2003).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	A16L1; APG16 autophagy 16-like; APG16-like 1; APG16L; APG16L beta
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	ATG16L1

Image



Western blot analysis of extracts from Jurkat cells, using ATG16L1 antibody.