



ATG10 blocking peptide (CDBP5116)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description Autophagy is a process for the bulk degradation of cytosolic compartments by lysosomes. ATG10 is an E2-like enzyme involved in 2 ubiquitin-like modifications essential for autophagosome formation: ATG12 (MIM 609608)-ATG5 (MIM 604261) conjugation and modification of a soluble form of MAP-LC3 (MAP1LC3A; MIM 601242), a homolog of yeast Apg8, to a membrane-bound form (Nemoto et al., 2003 [PubMed 12890687]).[supplied by OMIM, Mar 2008]

Conjugate Unconjugated

Applications Used as a blocking peptide in immunoblotting applications.

Format Liquid

Concentration 200 µg/mL

Size 0.05 mg

Preservative None

Storage -20°C

GENE INFORMATION

Gene Name [ATG10 autophagy related 10 \[Homo sapiens \(human\) \]](#)

Official Symbol ATG10

Synonyms ATG10; autophagy related 10; APG10; APG10L; pp12616; ubiquitin-like-conjugating enzyme ATG10; autophagy-related protein 10; ATG10 autophagy related 10 homolog

Entrez Gene ID [83734](#)

mRNA Refseq	NM_001131028
Protein Refseq	NP_001124500
UniProt ID	Q9H0Y0
Pathway	Regulation of autophagy; Senescence and Autophagy
Function	Atg12 ligase activity; Atg12 ligase activity