



ATG3 blocking peptide (CDBP5124)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]
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	ATG3 autophagy related 3 [Homo sapiens (human)]
Official Symbol	ATG3
Synonyms	ATG3; autophagy related 3; APG3; APG3L; PC3-96; APG3-LIKE; ubiquitin-like-conjugating enzyme ATG3; hApg3; 2610016C12Rik; autophagy-related protein 3; ATG3 autophagy related 3 homolog

Entrez Gene ID	<u>64422</u>
mRNA Refseq	<u>NM_001278712</u>
Protein Refseq	<u>NP_001265641</u>
UniProt ID	Q9NT62
Pathway	Regulation of autophagy; Senescence and Autophagy
Function	Atg12 ligase activity; Atg8 ligase activity; Atg8 ligase activity; enzyme binding; protein binding; small conjugating protein ligase activity
