



# ATG3 blocking peptide (CDBP5124)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ATG3 autophagy related 3 [Homo sapiens (human)]</a>
<b>Official Symbol</b>	ATG3
<b>Synonyms</b>	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

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