



# Human ATG3 blocking peptide (CDBP0521)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-ATG3 antibody
<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.
<b>Nature</b>	Synthetic
<b>Expression System</b>	N/A
<b>Species</b>	Human
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Procedure</b>	None
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

# ANTIGEN GENE INFORMATION

<b>Gene Name</b>	<a href="#">ATG3 ATG3 autophagy related 3 homolog (S. cerevisiae) [ Homo sapiens ]</a>
<b>Official Symbol</b>	ATG3
<b>Synonyms</b>	ATG3; ATG3 autophagy related 3 homolog (S. cerevisiae); APG3 autophagy 3 like (S. cerevisiae) , APG3L; ubiquitin-like-conjugating enzyme ATG3; DKFZp564M1178; FLJ22125; MGC15201; PC3 96; hApg3; 2610016C12Rik; autophagy-related protein 3; APG3; APG3L; PC3-96; APG3-LIKE;
<b>Entrez Gene ID</b>	<a href="#">64422</a>
<b>mRNA Refseq</b>	<a href="#">NM_022488</a>
<b>Protein Refseq</b>	<a href="#">NP_071933</a>
<b>UniProt ID</b>	Q9NT62
<b>Chromosome Location</b>	3q13.2
<b>Pathway</b>	Regulation of autophagy, organism-specific biosystem; Regulation of autophagy, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;
<b>Function</b>	Atg12 ligase activity; Atg8 ligase activity; enzyme binding; ligase activity; protein binding; small conjugating protein ligase activity;