



# Anti-ATG12 polyclonal antibody (DPAB-DC3550)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	ATG12 (autophagy related 12) is a protein-coding gene, and is affiliated with the lncRNA class. Diseases associated with ATG12 include inclusion body myositis, and myositis, and among its related super-pathways are RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways and Immune System. GO annotations related to this gene include protein binding.
<b>Immunogen</b>	Recombinant protein corresponding to Saccharomyces cerevisiae ATG12.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Yeast
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Format</b>	Lyophilized
<b>Size</b>	500 µg
<b>Buffer</b>	Lyophilized from 20 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (0.01% sodium azide)
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Store at 4°C. For long term storage store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ATG12 Atg12p [ Saccharomyces cerevisiae S288c ]</a>
<b>Official Symbol</b>	ATG12
<b>Synonyms</b>	ATG12; APG12; Atg12p;
<b>Entrez Gene ID</b>	<a href="#">852518</a>
<b>Protein Refseq</b>	<a href="#">NP_009776</a>
<b>UniProt ID</b>	<a href="#">P38316</a>
<b>Chromosome Location</b>	chromosome: II
<b>Pathway</b>	Regulation of autophagy;
<b>Function</b>	contributes_to Atg8 ligase activity; protein tag;