



## Rabbit Anti-Apg12 antibody

SL4012R

<b>Product Name:</b>	Apg12
<b>Chinese Name:</b>	自噬相关蛋白12抗体
<b>Alias:</b>	APG12-like; APG12L; ATG12; ATG12 autophagy related 12 homolog; Autophagy 12; Autophagy-related protein 12; HAPG12; Ubiquitin-like protein ATG12; ATG12 HUMAN.
<b>文献引用</b> <b>PubMed</b> :	<p><b>Specific References(1)</b> SL4012R has been referenced in 1 publications.</p> <p><b>[IF=2.66]</b>Song, Fuyong, et al. "Involvement of autophagy in tri-ortho-cresyl phosphate-induced delayed neuropathy in hens." <i>Neurochemistry International</i> (2013).<b>WB</b>;</p> <p style="text-align: center;"><a href="#">PubMed:24220541</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	15/21kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Apg12:101-187/187
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Autophagy is a process of bulk protein degradation in which cytoplasmic components, including organelles, are enclosed in double-membrane structures called autophagosomes and delivered to lysosomes or vacuoles for degradation. ATG12 is the human homolog of a yeast protein involved in autophagy (Mizushima et al., 1998[PubMed 9852036]).[supplied by OMIM].</p> <p><b>Function:</b> Ubiquitin-like protein required for autophagy. Conjugated to ATG3 and ATG5.</p> <p><b>Subcellular Location:</b> Cytoplasm.</p> <p><b>Tissue Specificity:</b> Ubiquitous.</p> <p><b>Similarity:</b> Belongs to the ATG12 family.</p> <p><b>SWISS:</b> O94817</p> <p><b>Gene ID:</b> 9140</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 9140</a>Human  <a href="#">Entrez Gene: 67526</a>Mouse  <a href="#">Entrez Gene: 361321</a>Rat  <a href="#">Omim: 609608</a>Human  <a href="#">SwissProt: O94817</a>Human  <a href="#">SwissProt: Q9CQY1</a>Mouse  <a href="#">SwissProt: Q2TBJ5</a>Rat  <a href="#">Unigene: 264482</a>Human  <a href="#">Unigene: 9852</a>Mouse  <a href="#">Unigene: 6224</a>Rat</p> <p><b>Important Note:</b></p>

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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