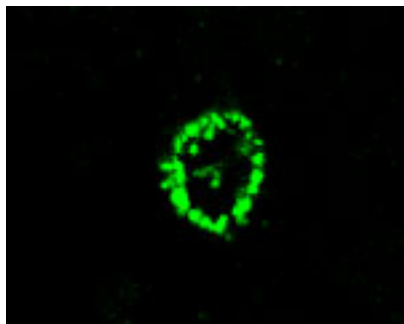


## Rabbit antibody to ATG12: whole serum

<b>Catalogue No.:</b>	R-112-100
<b>Description:</b>	FUNCTION: Required for autophagy. SUBUNIT: Conjugated to ATG5. SUBCELLULAR LOCATION: Cytoplasm. ALTERNATIVE PRODUCTS: 2 named isoforms produced by alternative splicing. TISSUE SPECIFICITY: Ubiquitous. SIMILARITY: Belongs to the ATG12 family.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 uL
<b>Antigen:</b>	A synthetic peptide corresponding to the N-terminal of human ATG12 protein has been used as the immunogen. No immunogenic carrier protein was conjugated to the immunogen. Instead, Adjuvane B (see the Adjuvants in biosensis' product list) has been used to orchestrate/boost the immune response.
<b>Other Names:</b>	Autophagy-related protein 12; APG12-like; APG 12; ATG12; APG12; APG12L
<b>Accession:</b>	ATG12_HUMAN
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Whole serum
<b>Applications:</b>	IHC, immunofluorescence, WB. A dilution of 1:200 to 1:1000 dilution is recommended for these applications. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	IHC and WB confirmed the specificity for ATG12.
<b>Cross-reactivity:</b>	Human, rat
<b>Form:</b>	Lyophilised
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	Six months after purchase
<b>References:</b>	<ol style="list-style-type: none"><li>1. Mizushima, N. et al. J. Biol. Chem. 273(51):33889-33892 (1998).</li><li>2. Tanida, I. et al. Biochem. Biophys. Res. Commun. 296(5):1164-1170 (2002).</li><li>3. Tanida, I. et al. J. Biol. Chem. 277(16):13739-13744 (2002).</li></ol>



Confocal microscopy on stained ATG12 using Rabbit antibody to ATG12: whole serum (R-112-100) in paraffin embedded human brain section (midfrontal cortex, Alzheimer case).

FOR RESEARCH USE ONLY