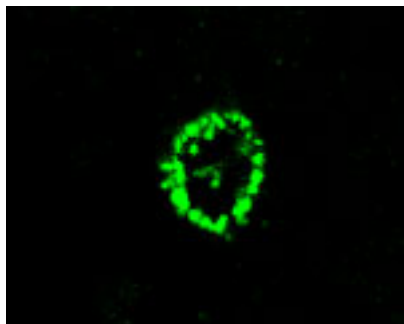


Rabbit antibody to ATG12: whole serum

Catalogue No.:	R-112-100
Description:	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.
Batch No.:	See product label
Unit size:	100 uL
Antigen:	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.
Other Names:	Autophagy-related protein 12; APG12-like; APG 12; ATG12; APG12; APG12L
Accession:	ATG12_HUMAN
Produced in:	Rabbit
Purity:	Whole serum
Applications:	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.
Specificity:	IHC and WB confirmed the specificity for ATG12.
Cross-reactivity:	Human, rat
Form:	Lyophilised
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	Six months after purchase
References:	<ol style="list-style-type: none">1. Mizushima, N. et al. J. Biol. Chem. 273(51):33889-33892 (1998).2. Tanida, I. et al. Biochem. Biophys. Res. Commun. 296(5):1164-1170 (2002).3. Tanida, I. et al. J. Biol. Chem. 277(16):13739-13744 (2002).



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