



Rabbit antibody to ATG12: IgG

Catalogue No.:	R-137-500
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:	500 µg
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; ATG12; APG12; APG12L
Accession:	ATG12_HUMAN
Produced in:	Rabbit
Purity:	Protein G purified IgG
Applications:	IHC, immunofluorescence, WB. A working concentration of 1-5 µg/ml is recommended. 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 500 µl of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20°C for a higher stability, and at 4°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase
References:	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).

FOR RESEARCH USE ONLY