

Rabbit anti-Human ATG3 Monoclonal Antibody | anti-ATG3 antibody

ATG3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28514	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

ATG3; Monoclonal Antibody; ATG3 Rabbit mAb; APG3; APG3L; hApg3; PC3-96; APG3-LIKE; anti-ATG3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MQNVINTVKG KALEVAEYLT PVLKESKFKE TGVITPEEFV AAGDHLVHHC PTWQWATGEE LKVKAYLPTG KQFLVTKNVP CYKRCKQMEY SDELEAIIIE
Applicable Applications for anti-ATG3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:1000-1:2000 IHC-P: 1:200-1:2000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Apg3 (Atg3)(Q9NT62).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using ATG3 Rabbit mAb (AAA28514) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

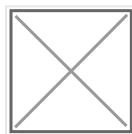
Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using ATG3 Rabbit mAb (AAA28514) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

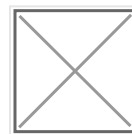
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using ATG3 Rabbit mAb (AAA28514) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using ATG3 Rabbit mAb (AAA28514) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using ATG3 Rabbit mAb (AAA28514) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using ATG3 Rabbit mAb (AAA28514) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG3 antibody	This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-ATG3 antibody	Cancer ; Tumor suppressors ; Signal Transduction ; Cell Biology Developmental Biology ; Autophagy ; Ubiquitin ; Endocrine Metabolism ; Mitochondrial metabolism ; Neuroscience ; Neurodegenerative Diseases ; Cardiovascular ; Heart ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19526773
NCBI GeneID	64422
NCBI Accession #	NP_071933
NCBI GenBank Nucleotide #	NM_022488.4
UniProt Accession #	Q9NT62 ; Q6PKC5 ; Q9H6L9
Molecular Weight	Calculated MW: 40kDa Observed MW: 40kDa
UniProt Protein Name	Ubiquitin-like-conjugating enzyme ATG3
UniProt Gene Name	ATG3
UniProt Synonym Gene Names	APG3; APG3L; APG3-like; hApp3
UniProt Entry Name	ATG3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/atg3-antibody-western-blot-immunohistochemistry-elisa/28514>