

Rabbit ATG4A Polyclonal Antibody | anti-ATG4A antibody

ATG4A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305148	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ATG4A; Polyclonal Antibody; ATG4A Antibody; APG4A; AUTL2; anti-ATG4A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ATG4A protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	398
Applicable Applications for anti-ATG4A antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ATG4A.
Target Name	ATG4A
Preparation and Storage	Store at -20 degree C

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of extracts of K562 cells, using ATG4A antibody.



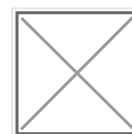
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain using ATG4A antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer using ATG4A antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ATG4A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG4A antibody	Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Transcript variants that encode distinct isoforms have been identified.
Product Categories/Family for anti-ATG4A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	30795252
NCBI GeneID	115201
NCBI Accession #	NP_443168.2
NCBI GenBank Nucleotide #	NM_052936.3
UniProt Accession #	Q8WYN0; Q95534; Q5JYY9; Q5JYZ0; Q86VE5; Q96KQ0; Q96KQ1; A6NCH2; B2RAZ7; D3DUY0
Molecular Weight	42,453 Da
NCBI Official Full Name	cysteine protease ATG4A isoform a
NCBI Official Synonym Full Names	autophagy related 4A, cysteine peptidase
NCBI Official Symbol	ATG4A
NCBI Official Synonym Symbols	APG4A; AUTL2
NCBI Protein Information	cysteine protease ATG4A
UniProt Protein Name	Cysteine protease ATG4A
UniProt Gene Name	ATG4A
UniProt Synonym Gene Names	APG4A; AUTL2; hAPG4A
UniProt Entry Name	ATG4A_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/polyclonal/atg4a-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/305148>