Rabbit ATG5 Polyclonal Antibody | anti-ATG5 antibody

ATG5 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23551	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ATG5; Polyclonal Antibody; ATG5 antibody - C-terminal region; anti-ATG5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:DP EDGEKKNQVM IHGIEPMLET PLQWLSEHLS YPDNFLHISI IPQPTD
Sequence Length	275
Applicable Applications for anti-ATG5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ATG5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-ATG5 Antibody Titration: 1 ug/mlPositive Control: HepG2 cell lysate

WB (Western Blot)
Host: RabbitTarget Name: ATG5Sample Type: Human Fetal LungAntibody Dilution: 1.0ug/ml

WB (Western Blot)
Host: RabbitTarget Name: ATG5Sample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml

WB (Western Blot)
Host: RabbitTarget Name: ATG5Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml

IHC (Immunohistochemistry)
Human Prostate

IHC (Immunohistochemistry)
Human Placenta

ADDITIONAL INFORMATION

Related Product Information for anti-ATG5 antibody	This is a rabbit polyclonal antibody against ATG5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ATG5 is required for autophagy. It conjugates to ATG12 and associates with isolation membrane to form cup-shaped isolation membrane and autophagosome. The conjugate detaches from the membrane immediately before or after autophagosome formation is completed. ATG5 may play an important role in the apoptotic process, possibly within the modified cytoskeleton. Its expression is a relatively late event in the apoptotic process, occurring downstream of caspase activity.
Product Categories/Family for anti-ATG5 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors; Autophagy

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757798
NCBI GeneID	9474
NCBI Accession #	NP_004840
NCBI GenBank Nucleotide #	NM_004849
UniProt Accession #	Q9H1Y0
Molecular Weight	32kDa
NCBI Official Full Name	autophagy protein 5 isoform a
NCBI Official Synonym Full Names	autophagy related 5
NCBI Official Symbol	ATG5
NCBI Official Synonym Symbols	ASP; APG5; APG5L; hAPG5; SCAR25; APG5-LIKE
NCBI Protein Information	autophagy protein 5
UniProt Protein Name	Autophagy protein 5
UniProt Gene Name	**ATG5**
UniProt Synonym Gene Names	APG5L; ASP
UniProt Entry Name	ATG5_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/atg5-antibody-immunohistochemistry-western-blot-elisa/23551