

Rabbit ATG3 Polyclonal Antibody | anti-ATG3 antibody

ATG3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200897	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

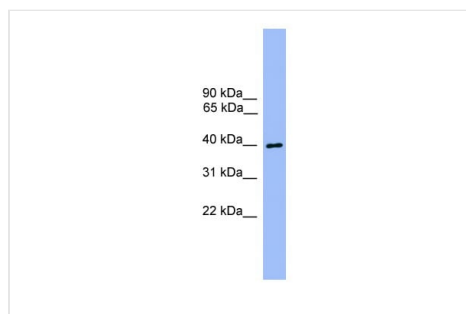
PRODUCT SYNONYMS

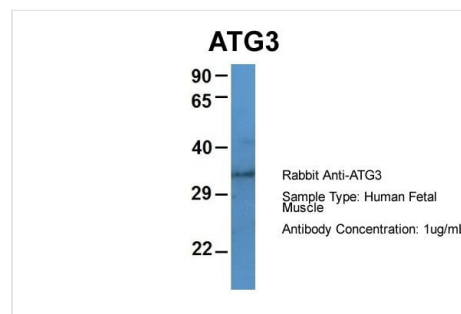
ATG3; Polyclonal Antibody; ATG3 antibody - middle region; anti-ATG3 antibody

PRODUCT SPECIFICATIONS

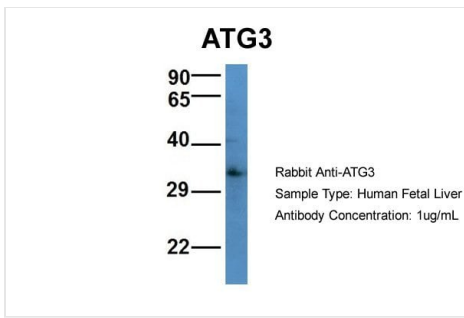
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SD EEAIEEDD GDGGWVDYH NTGITGITEA VKEITLENKD NLRQDCS
Sequence Length	314
Applicable Applications for anti-ATG3 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 79%; Guinea Pig: 86%; Horse: 79%; Human: 100%; Mouse: 79%; Rabbit: 86%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATG3
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-ATG3 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HeLa cell lysate
ATG3 is supported by BioGPS gene expression data to be expressed in HeLa

WB (Western Blot)

Host: Rabbit
Target Name: ATG3
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit Target Name: ATG3 Sample Type: Human Fetal Liver Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ATG3 antibody	This is a rabbit polyclonal antibody against ATG3. It was validated on Western Blot Target Description: Autophagy is a process of bulk degradation of cytoplasmic components by the lysosome or vacuole. Human ATG3 displays the same enzymatic characteristics in vitro as yeast Apg3, a protein-conjugating enzyme essential for autophagy (Tanida et al., 2002 [PubMed 11825910]).
Product Categories/Family for anti-ATG3 antibody	Polyclonal; Cell Biology; Autophagy

NCBI AND UNIPROT INFORMATION

NCBI GI #	19526773
NCBI GeneID	64422
NCBI Accession #	NP_071933
NCBI GenBank Nucleotide #	NM_022488
UniProt Accession #	Q9NT62
Molecular Weight	36kDa
NCBI Official Full Name	ubiquitin-like-conjugating enzyme ATG3 isoform 1
NCBI Official Synonym Full Names	autophagy related 3
NCBI Official Symbol	ATG3
NCBI Official Synonym Symbols	APG3; APG3L; PC3-96; APG3-LIKE
NCBI Protein Information	ubiquitin-like-conjugating enzyme ATG3
UniProt Protein Name	Ubiquitin-like-conjugating enzyme ATG3
UniProt Gene Name	ATG3
UniProt Synonym Gene Names	APG3; APG3L; APG3-like; hApg3
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/polyclonal/atg3-antibody-western-blot-elisa/200897>