

Rabbit ATE1 Polyclonal Antibody | anti-ATE1 antibody

ATE1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199947	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

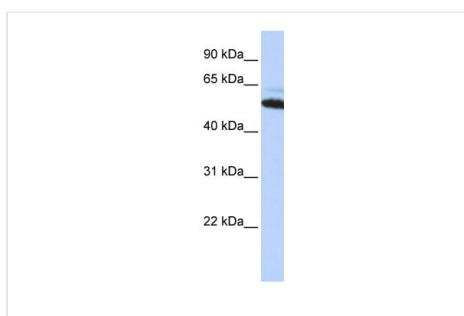
PRODUCT SYNONYMS

ATE1; Polyclonal Antibody; ATE1 antibody - middle region; anti-ATE1 antibody

PRODUCT SPECIFICATIONS

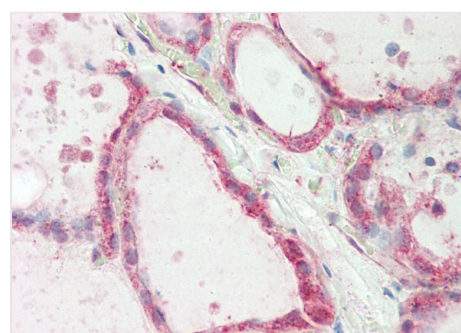
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TY VVWPIEQCLP SLENSKYCRF NQDPEAVDED RSTEPDRLQV FHKRAIMP
Sequence Length	518
Applicable Applications for anti-ATE1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATE1
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



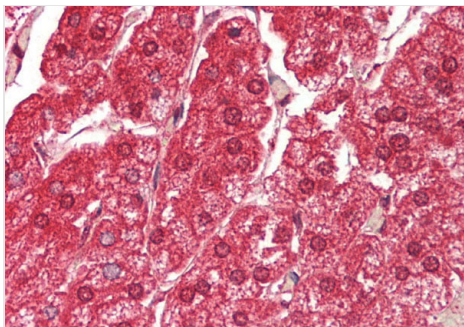
WB (Western Blot)

WB Suggested Anti-ATE1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-ATE1 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Thyroid
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec



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Formalin Fixed Paraffin Embedded Tissue: Human Adrenal
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Secondary Antibody Concentration: 1:200
Magnification: 20x
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ADDITIONAL INFORMATION

Related Product Information for anti-ATE1 antibody	This is a rabbit polyclonal antibody against ATE1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ATE1 is an arginyltransferase, an enzyme that is involved in posttranslational conjugation of arginine to N-terminal aspartate or glutamate residues. Conjugation of arginine to the N-terminal aspartate or glutamate targets proteins for ubiquitin-dependent degradation. Alternative splicing results in two transcript variants encoding distinct isoforms. This gene encodes an arginyltransferase, an enzyme that is involved in posttranslational conjugation of arginine to N-terminal aspartate or glutamate residues. Conjugation of arginine to the N-terminal aspartate or glutamate targets proteins for ubiquitin-dependent degradation. Alternative splicing results in two transcript variants encoding distinct isoforms.
Product Categories/Family for anti-ATE1 antibody	Polyclonal; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345875
NCBI GeneID	11101
NCBI Accession #	NP_008972
NCBI GenBank Nucleotide #	NM_007041
UniProt Accession #	O95260
Molecular Weight	59kDa
NCBI Official Full Name	arginyl-tRNA--protein transferase 1 isoform 2
NCBI Official Synonym Full Names	arginyltransferase 1
NCBI Official Symbol	ATE1
NCBI Protein Information	arginyl-tRNA--protein transferase 1
UniProt Protein Name	Arginyl-tRNA--protein transferase 1
UniProt Gene Name	ATE1
UniProt Synonym Gene Names	Arginyltransferase 1; R-transferase 1
UniProt Entry Name	ATE1_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.

