

Rabbit ATIC Polyclonal Antibody | anti-ATIC antibody

ATIC antibody - middle region

CATALOG # AAA199657	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast
Clonality	Polyclonal
Purity/Purification	Protein A 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: RT LFGHLHSQKR NNGVVDKSLF SNVVTKNKDL PESALRDLIV ATIAVKYT
Sequence Length	281
Applicable Applications for anti-ATIC antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Yeast: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATIC
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)

Sample Type: Human Jurkat ATIC antibody - middle region validated by WB using Jurkat cell lysate at 5.0 ug/ml. ATIC is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-ATIC antibody	This is a rabbit polyclonal antibody against ATIC. It was validated on Western Blot and immunohistochemistry Target Description: ATIC is a bifunctional protein requiring dimerization for transformylase activity.
Product Categories/Family for anti-ATIC antibody	Polyclonal ; Signal Proteins ; Lymphocyte Signaling ; Membrane Protein ; Drugs and Drug Metabolism ; Developmental Biology ; Immunohistochemistry ; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	119590933
NCBI GeneID	471
NCBI Accession #	EAW70527
NCBI GenBank Nucleotide #	NM_004044
UniProt Accession #	P31939
Molecular Weight	30kDa
NCBI Official Full Name	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase, isoform CRA_e
NCBI Official Synonym Full Names	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
NCBI Official Symbol	ATIC
NCBI Official Synonym Symbols	PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p
NCBI Protein Information	bifunctional purine biosynthesis protein PURH
UniProt Protein Name	Bifunctional purine biosynthesis protein PURH
UniProt Gene Name	ATIC
UniProt Synonym Gene Names	PURH
UniProt Entry Name	PUR9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/atic-antibody-western-blot-immunohistochemistry-elisa/199657>