

Rabbit ATIC Polyclonal Antibody | anti-ATIC antibody

ATIC antibody - N-terminal region

CATALOG # AAA199658	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	APPLICATIONS Western Blot
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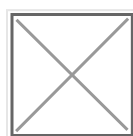
PRODUCT SYNONYMS

ATIC; Polyclonal Antibody; ATIC antibody - N-terminal region; anti-ATIC antibody

PRODUCT SPECIFICATIONS

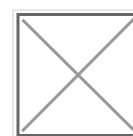
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: YV VVSTEMQSSE SKDTSLETRR QLALKAFTHT AQYDEAISDY FRKQYSKG
Sequence Length	592
Applicable Applications for anti-ATIC antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal 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)

WB Suggested Anti-ATIC Antibody Titration: 1.25ug/ml
Positive Control: HepG2 cell lysate
ATIC is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Sample Type: Human, Hamster
Sample Type: 1. Hamster CHO K1 cells (20ug) 2. HeLa skin cells (20ug) 3. HEK273 cells (20ug) 4. Human Skin Fibroblasts (100ug)
Primary Dilution: 1:800
Secondary Antibody: Clean-Blot IP detection Reagent and Kit
Secondary Dilution: 1:2000
Image Submitted By: V. Skopova, M. Zikanova
Institute of Inherited Metabolic Disorders, Charles University in Prague and General Hospital in Prague

ADDITIONAL INFORMATION

Related Product Information for anti-ATIC antibody	This is a rabbit polyclonal antibody against ATIC. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ATIC is a bifunctional protein requiring dimerization for transformylase activity.
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Product Categories/Family for anti-ATIC antibody	Polyclonal; Drugs and Drug Metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20127454
NCBI GeneID	471
NCBI Accession #	NP_004035
NCBI GenBank Nucleotide #	NM_004044
UniProt Accession #	P31939
Molecular Weight	64kDa
NCBI Official Full Name	bifunctional purine biosynthesis protein PURH
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atic-antibody-western-blot-elisa/199658>