

Rabbit anti-Human ATIC Polyclonal Antibody | anti-ATIC antibody

ATIC antibody

CATALOG # AAA305701	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ATIC; Polyclonal Antibody; ATIC antibody; AICAR; AICARFT; FLJ93545; IMPCHASE; PURH; anti-ATIC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	592
Applicable Applications for anti-ATIC antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 310 and 550 of ATIC
Target Name	ATIC
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ATIC antibody at 1: 200 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Hep G2 7.5% SDS PAGE ATIC antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-ATIC antibody	This gene encodes a bifunctional protein that catalyzes the last two steps of the de novo purine biosynthetic pathway. The N-terminal domain has phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria. [provided by RefSeq]
Product Categories/Family for anti-ATIC antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127454
NCBI GeneID	471
NCBI Accession #	NP_004035
NCBI GenBank Nucleotide #	NM_004044.6
Molecular Weight	64,524 Da
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-immunofluorescence-western-blot-elisa/305701>