

Rabbit ATIC Polyclonal Antibody | anti-ATIC antibody

ATIC Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173142	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ATIC; Polyclonal Antibody; ATIC Polyclonal Antibody; PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p; anti-ATIC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	2mg/ml (varies by lot)
Sequence Length	592
Applicable Applications for anti-ATIC antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Fusion protein of human ATIC
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-365402 / sc-53612
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of 231 cell using ATIC Polyclonal Antibody at dilution of 1/350



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using ATIC Polyclonal Antibody at dilution of 1/25

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.
Product Categories/Family for anti-ATIC antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	823670596
NCBI GeneID	471
Molecular Weight	65 kDa
NCBI Official Full Name	ATIC, partial
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-immunohistochemistry-western-blot-elisa/173142>