

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

ATIC Antibody

CATALOG # AAA308647	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ATIC protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	2 mg/ml (varies by lot)
Sequence Length	592
Applicable Applications for anti-ATIC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human ATIC
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/25,



WB (Western Blot)

Gel: 6%SDS-PAGE Lysate: 40 μ g Lane: 231 cell Primary antibody: 1/350 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 20 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127454
NCBI GeneID	471
NCBI Accession #	NP_004035.2
NCBI GenBank Nucleotide #	NM_004044.6
UniProt Accession #	P31939; Q13856; Q53S28; A8K202; E9PBU3
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-immunohistochemistry-western-blot-elisa/308647>