

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

Rabbit anti-ATIC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212586	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

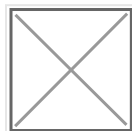
PRODUCT SYNONYMS

ATIC; Polyclonal Antibody; Rabbit anti-ATIC Antibody; Affinity Purified; epididymis secretory sperm binding protein Li 70p; PURH; phosphoribosylaminoimidazolecarboxamide formyltransferase/IMP cyclohydrolase; Inosinicase; IMPCHASE; IMP synthase; IMP cyclohydrolase; HEL-S-70p; 5-aminoimidazole-4-carboxamide-1-beta-D-ribonucleotide transformylase/inosinicase; 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase; AICAR; AICAR formyltransferase/IMP cyclohydrolase bifunctional enzyme; AICAR transformylase; AICARFT; AICARFT/IMPCHASE; bifunctional purine biosynthesis protein PURH; Bifunctional purine biosynthesis protein PURH; 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase; anti-ATIC antibody

PRODUCT SPECIFICATIONS

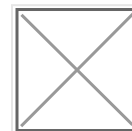
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ATIC antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Chicken, Orangutan
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human ATIC by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-ATIC antibody AAA212586 (lot AAA212586-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human ATIC by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-ATIC antibody AAA212586 (lot AAA212586-1) used for IP at 6 ug per reaction. ATIC was also immunoprecipitated by rabbit anti-ATIC antibody For blotting immunoprecipitated ATIC, AAA212586 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ATIC antibody	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase (ATIC) is bifunctional enzyme that catalyzes 2 steps in purine biosynthesis [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P31939].
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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
Molecular Weight	64,616 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
NCBI Protein Information	bifunctional purine biosynthesis protein PURH; AICARFT/IMPCHASE; AICAR formyltransferase/IMP cyclohydrolase bifunctional enzyme; phosphoribosylaminoimidazolecarboxamide formyltransferase/IMP cyclohydrolase; 5- aminoimidazole-4-carboxamide-1-beta-D-ribonucl
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-immunoprecipitation-western-blot-elisa/212586>