

Rabbit ATIC Polyclonal Antibody | anti-ATIC antibody

ATIC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168816	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

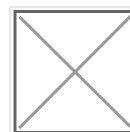
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	395
Applicable Applications for anti-ATIC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ATIC
Buffer	PBS with 0.02% 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 (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



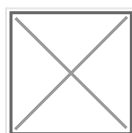
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using ATIC antibody. Blue: DAPI for nuclear staining.



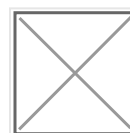
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid cancer using ATIC antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using ATIC antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ATIC antibody.

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	336302726
Molecular Weight	43,517 Da
NCBI Official Full Name	AtiC
UniProt Protein Name	AtiC
UniProt Gene Name	atiC
UniProt Entry Name	F8FP50_PAEMK

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-immunohistochemistry-western-blot-elisa/168816>