

ATIC antibody

Catalog No: #22591



Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	ATIC antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
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
Other Names	AICAR; AICARFT; FLJ93545; IMPCHASE; PURH
Accession No.	NCBI Gene ID: 471NCBI mRNA#: NM_004044NCBI Protein#: NP_004035
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

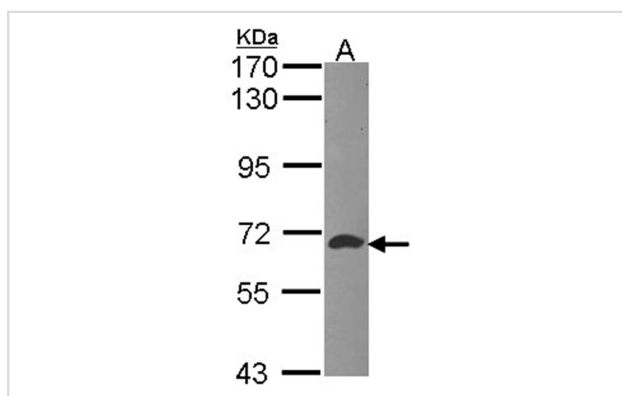
Application Details

Predicted MW: 65kd

Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:200

Images



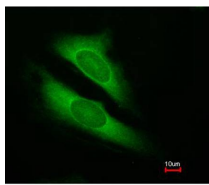
Sample (30 ug of whole cell lysate)

A: Hep G2

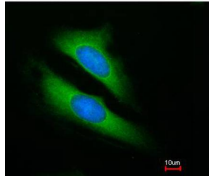
7.5% SDS PAGE

ATIC antibody diluted at 1: 1000

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



Merged with DNA probe



Background

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]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.