

Product Name: ATIC Rabbit Monoclonal Antibody**Catalog #: AMRe86239**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:2000-1:20000,IP 1:50-1:100
Molecular Weight	Calculated MW:65 kDa; Observed MW:65 kDa

Antigen Information

Gene Name	ATIC
Alternative Names	PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p
Gene ID	471
SwissProt ID	P31939
Immunogen	Recombinant protein of human ATIC

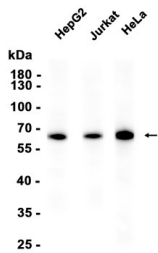
Background

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, Sep 2009]

Research Area

Image Data



Western blot analysis of extracts from HepG2, Jurkat, HeLa cells using ATIC Rabbit Monoclonal Antibody at 1:2000.