

## ARG57844 anti-ATIC antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ATIC
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ATIC
Species	Human
Immunogen	Recombinant protein of Human ATIC.
Conjugation	Un-conjugated
Alternate Names	Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidazolecarboxamide formyltransferase; AICAR transformylase; ATIC; Inosinicase; EC 2.1.2.3; IMPCHASE; AICARFT; 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase; AICAR; EC 3.5.4.10; PURH; HEL-S-70p; IMP synthase

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HT-29	
Observed Size	~ 63 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

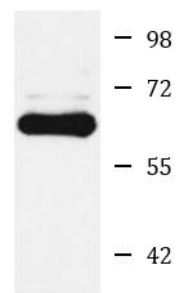
## Bioinformation

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Gene Symbol	ATIC
Gene Full Name	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
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]
Function	Bifunctional enzyme that catalyzes 2 steps in purine biosynthesis. [UniProt]
Calculated Mw	65 kDa

## Images

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HT-29

ARG57844 anti-ATIC antibody WB image

Western blot: 25 µg of HT-29 cell lysate stained with ARG57844 anti-ATIC antibody at 1:1000 dilution.