

## ARG54092 anti-ATIC antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes ATIC
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	ATIC
Species	Human
Immunogen	Purified recombinant human ATIC protein fragments expressed in E.coli.
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	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:1000</td></tr></tbody></table>	Application	Dilution	WB	1:1000
Application	Dilution				
WB	1:1000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Observed Size	64 kDa				

### Properties

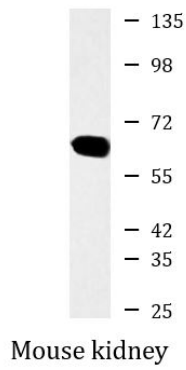
Form	Liquid
Purification	Affinity purified
Buffer	0.1M Tris-Glycine (pH 7.4), 150 mM NaCl, 0.2% Sodium azide and 50% Glycerol
Preservative	0.2% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term 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

Gene Symbol	ATIC
Gene Full Name	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
Background	Bifunctional enzyme that catalyzes 2 steps in purine biosynthesis.
Function	Bifunctional enzyme that catalyzes 2 steps in purine biosynthesis. [UniProt]
Research Area	Gene Regulation antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	65 kDa

## Images

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ARG54092 anti-ATIC antibody WB image

Western blot: Mouse kidney lysate stained with ARG54092 anti-ATIC antibody at 1:1000 dilution.