

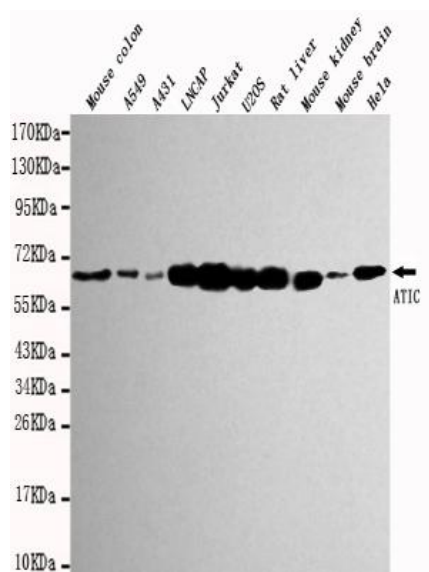


ATIC Antibody

E2200668

Catalog Number:	E2200668
Size:	100ug
Host:	Mouse
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sensitivity:	This antibody detects endogenous levels of ATIC and does not cross-react with related proteins.
Entrez summary:	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.
UniPort summary	Bifunctional enzyme that catalyzes 2 steps in purine biosynthesis.
Function:	
Immunogen:	Purified recombinant human ATIC protein fragments expressed in E.coli.
Antibody Type:	Monoclonal antibody
Isotype:	IgG1
Purified method:	Affinity purified
Subcellular location:	null
Reactivity:	H,M,R
Applications:	WB
Molecular Weight:	64kDa
UniProt number:	P31939
GeneBank ID:	NM_004044.6
Gene symbol:	PURH; AICAR; AICARFT; IMPCHASE
Alternate names:	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase,AICAR transformylase2.IMP cyclohydrolase,ATIC,IMP synthase Inosinicase

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Western blot detection of ATIC in various tissue and cell lysates using ATIC antibody (1:1000 diluted).
Predicted band size:64KDa. Observed band size:64KDa.