

Product datasheet for **TA369443S**

ATIC Rabbit Polyclonal Antibody

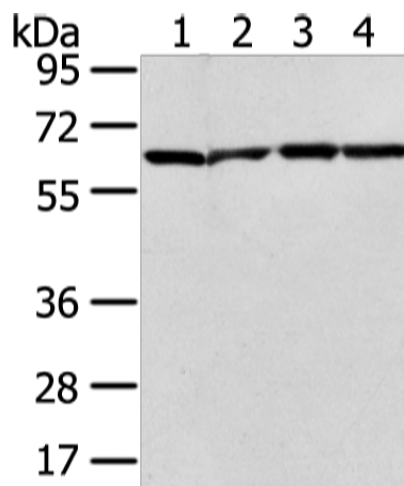
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat, hela, K562 and 231 cell
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ATIC
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	65 kDa
Gene Name:	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
Database Link:	Entrez Gene 471 Human P31939
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.
Synonyms:	5-aminoimidazole-4-carboxamide-1-beta-D-ribo-nucleo; AICAR; AICARFT; AICARFT/IMPCHASE; FLJ93545; IMPCHASE; PURH



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Product images:



Gel: 6%SDS-PAGE

Lysate: 40 µg

Lane 1-4: Jurkat

hela

K562 and 231 cell

Primary antibody: [TA369443] (ATIC Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds