

ATIC Polyclonal Antibody

Catalog No.	A5559	Category	Polyclonal Antibodies
Applications	WB	Observed MW	62kDa
Cross-reactivity	Human	Calculated MW	64kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human ATIC (NP_004035.2).
Gene ID	471
Swiss prot	P31939
Synonyms	ATIC; AICAR; AICARFT; HEL-S-70p; IMPCHASE; PUR H; bifunctional purine biosynthesis protein PU RH

Product information

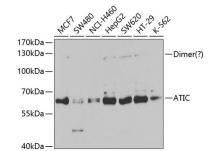
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:500 - 1:2000



Western blot - ATIC Polyclonal Antibody (A5559)