

## ATIC

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**64kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human ATIC

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PURH; AICAR; AICARFT; IMPCHASE;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A5559

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**471

**Isotype:**IgG

**Swiss Prot:**P31939

**Purity:**Affinity purification

For research use only.