

ATIC Antibody

Catalog No: #32910

Package Size: #32910-1 50ul #32910-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

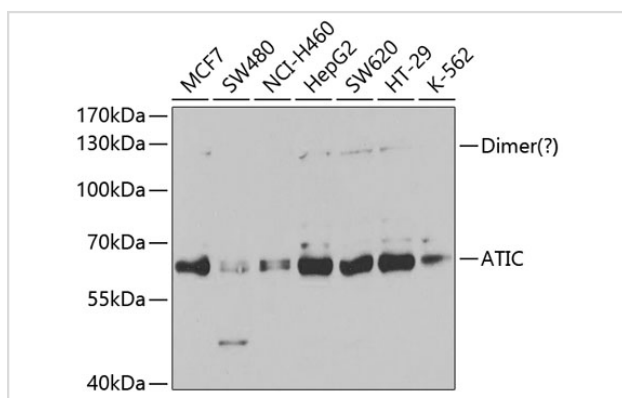
Description

| | |
|-----------------------|--|
| Product Name | ATIC Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were purified by affinity purification using immunogen. |
| Applications | WB |
| Species Reactivity | Human |
| Specificity | The antibody detects endogenous level of total ATIC protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Recombinant protein of human ATIC. |
| Target Name | ATIC |
| Other Names | PURH; AICAR; AICARFT; IMPCHASE; |
| Accession No. | Swiss-Prot:P31939NCBI Gene ID:471 |
| Uniprot | P31939 |
| GeneID | 471; |
| SDS-PAGE MW | 64KD |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using ATIC at 1:1000 dilution.

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.

Note: This product is for in vitro research use only