

## Description

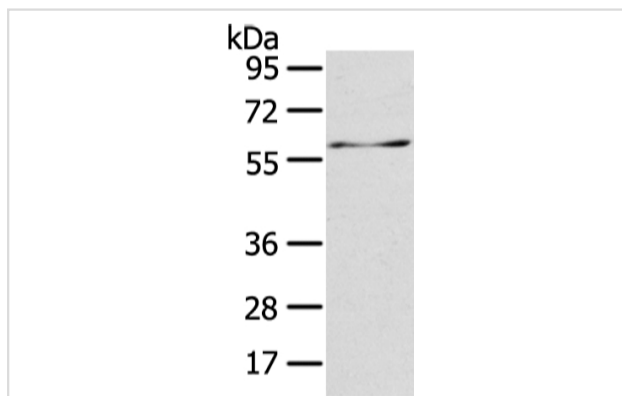
Product Name	ATIC Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ATIC protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human ATIC
Target Name	ATIC
Other Names	PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p
Accession No.	Swiss-Prot#: P31939Gene ID: 471
Uniprot	P31939
GeneID	471;
Calculated MW	65kd
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 6%SDS-PAGE

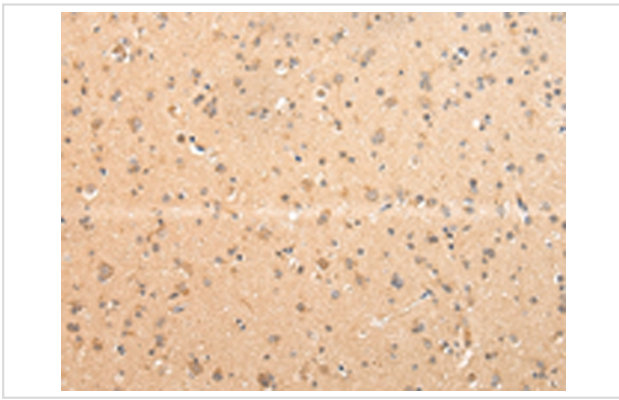
Lysate: 40 µg

Lane: 231 cell

Primary antibody: 1/350 dilution

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

Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #42810 at dilution 1/25,

## 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