

A5300

Leader in Biomolecular Solutions for Life Science



# AHCY Rabbit pAb

Catalog No.: A5300 **2 Publications**

## Basic Information

### Observed MW

45kDa

### Calculated MW

48kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

S-adenosylhomocysteine hydrolase belongs to the adenosylhomocysteinase family. It catalyzes the reversible hydrolysis of S-adenosylhomocysteine (AdoHcy) to adenosine (Ado) and L-homocysteine (Hcy). Thus, it regulates the intracellular S-adenosylhomocysteine (SAH) concentration thought to be important for transmethylation reactions. Deficiency in this protein is one of the different causes of hypermethioninemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

191

### Swiss Prot

P23526

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 253-432 of human AHCY (NP\_000678.1).

### Synonyms

SAHH; adoHcyase; AHCY

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

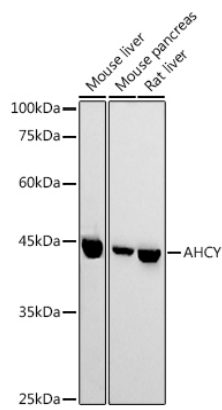
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

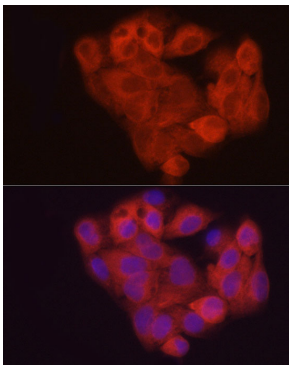
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using AHCY antibody (A5300) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



Immunofluorescence analysis of HepG2 cells using AHCY Rabbit pAb (A5300) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.