

## AHCY

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

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

**Calculated MW:** 48kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human AHCY

**Storage Buffer:**

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

**Synonym:**

SAHH; adoHcyase

**Catalog #:** A5300

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 191

**Isotype:** IgG

**Swiss Prot:** P23526

**Purity:** Affinity purification

For research use only.

**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.

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