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## anti-AHCY antibody (AA 79-110)



Background:

Image



Overview	
Quantity:	0.1 mL
Target:	AHCY
Binding Specificity:	AA 79-110
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	
Immunogen:	This AHCY antibody is generated from mice immunized with a KLH conjugated synthetic
Immunogen:	This AHCY antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 79-110 amino acids from human AHCY.
Immunogen: Clone:	
	peptide between 79-110 amino acids from human AHCY.
Clone:	peptide between 79-110 amino acids from human AHCY.  445CT13-3-3
Clone: Isotype:	peptide between 79-110 amino acids from human AHCY.  445CT13-3-3  IgM
Clone:  Isotype:  Predicted Reactivity:	peptide between 79-110 amino acids from human AHCY.  445CT13-3-3  IgM  B, Pr, Pig
Clone:  Isotype:  Predicted Reactivity:  Purification:	peptide between 79-110 amino acids from human AHCY.  445CT13-3-3  IgM  B, Pr, Pig

S-adenosylhomocysteine hydrolase belongs to the adenosylhomocysteinase family. It

#### **Target Details**

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.

 Molecular Weight:
 47716

 Gene ID:
 191

 NCBI Accession:
 NP\_000678, NP\_001155238

 UniProt:
 P23526

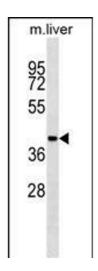
### **Application Details**

Application Notes: WB: 1:1000~8000

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	AHCY Antibody(Ascites) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



#### **Western Blotting**

**Image 1.** AHCY Antibody ABIN1539877 western blot analysis in mouse liver tissue lysates (35  $\mu$ g/lane). This demonstrates the AHCY antibody detected the AHCY protein (arrow).