

Datasheet for ABIN357877
anti-AHCY antibody (C-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	AHCY
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AHCY antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human AHCY.
Isotype:	Ig Fraction
Specificity:	This antibody detects S-Adenosylhomocysteine Hydrolase (AdoHcyase/AHCY) (C-term).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	AHCY
Alternative Name:	AdoHcyase (AHCY) (AHCY Products)

Target Details

Background: S-adenosylhomocysteine hydrolase (AHCY) 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. S-adenosylhomocysteine hydrolase belongs to the adenosylhomocysteinase family. Synonyms: Adenosylhomocysteinase, S-adenosyl-L-homocysteine hydrolase, SAHH

Molecular Weight: 47716 Da

Gene ID: 191, 9606

UniProt: [P23526](#)

Application Details

Application Notes: ELISA: 1/1,000. Western Blot: 1/50-1/100 Immunohistochemistry: 1/10-1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

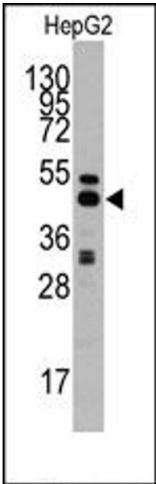


Image 1.

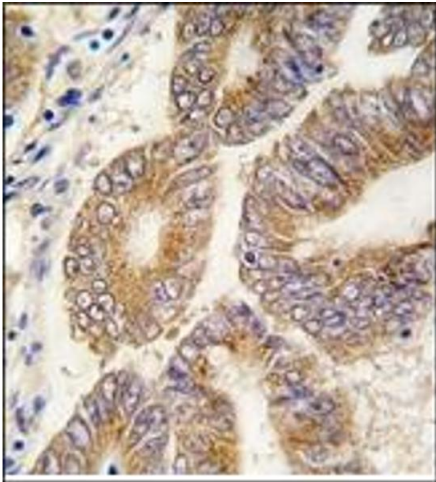


Image 2.