

Datasheet for ABIN389202
anti-AHCY antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	AHCY
Binding Specificity:	AA 407-432, 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))

Product Details

Immunogen:	This S adenosylhomocysteine hydrolase (ACHY) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 407-432 amino acids from the C-terminal region of human S adenosylhomocysteine hydrolase (ACHY).
Clone:	RB14982
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	AHCY
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Target Details

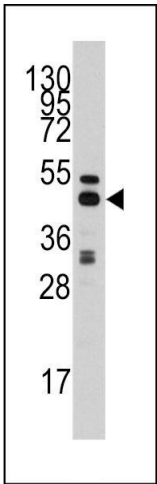
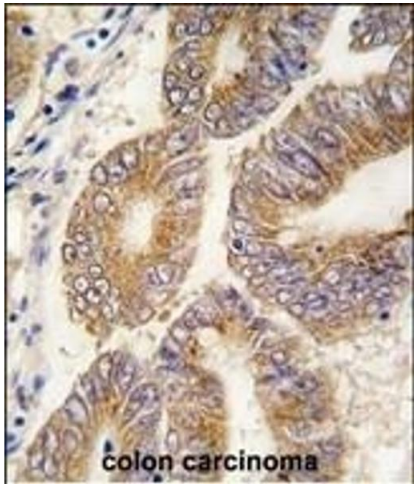
Abstract:	AHCY Products
Background:	S-adenosylhomocysteine hydrolase (AHCY) catalyzes the reversible hydrolysis of S-adenosylhomocysteine (AdoHcy) to adenosine (Ado) and L-homocysteine (Hcy). Thus, it regulates the intracellular S-adenosylhomocysteine (SAH) concentration thought to be important for transmethylation reactions. Deficiency in this protein is one of the different causes of hypermethioninemia. S-adenosylhomocysteine hydrolase belongs to the adenosylhomocysteinase family.
Molecular Weight:	47716
Gene ID:	191
NCBI Accession:	NP_000678 , NP_001155238
UniProt:	P23526

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with AHCY antibody (C-term) (ABIN389202 and ABIN2839362) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-AHCY Antibody (C-term) (ABIN389202 and ABIN2839362) in HepG2 cell line lysates (35 µg/lane). AHCY(arrow) was detected using the purified Pab.