Rabbit S adenosylhomocysteine hydrolase (ACHY) Polyclonal Antibody | anti-AHCY antibody

S adenosylhomocysteine hydrolase (ACHY) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287589	**Rabbit**	**Human (Predicted Reactivity: Monkey)**	**Western Blot, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

S adenosylhomocysteine hydrolase (ACHY); Polyclonal Antibody; S adenosylhomocysteine hydrolase (ACHY) Antibody (C-term); Adenosylhomocysteinase; AdoHcyase; S-adenosyl-L-homocysteine hydrolase; AHCY; SAHH; anti-AHCY antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	407-432
Sequence Length	404
Applicable Applications for anti-AHCY antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with AHCY antibody (C-term) , 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.

WB (Western Blot)
Western blot analysis of anti-AHCY Antibody (C-term) in HepG2 cell line lysates (35ug/lane). AHCY(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AHCY antibody	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.
Product Categories/Family for anti-AHCY antibody	Metabolism; Signal Transduction
References	Yideng,J.,DNA Cell Biol. 26 (8), 603-611 (2007) Arredondo-Vega,F.X.,Ann. Hum. Genet. 53 (PT 2), 157-167 (1989) Li,Q.S.,Biochemistry 47 (17), 4983-4991 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9951915
NCBI GeneID	191
NCBI Accession #	NP_000678.1; NP_001155238.1
NCBI GenBank Nucleotide #	NM_000687.2
UniProt Accession #	P23526; Q96A36; A8K307; B3KUN3; E1P5P2; F5H737
Molecular Weight	47716
NCBI Official Full Name	adenosylhomocysteinase isoform 1
NCBI Official Synonym Full Names	adenosylhomocysteinase
NCBI Official Symbol	AHCY
NCBI Official Synonym Symbols	SAHH; adoHcyase
NCBI Protein Information	adenosylhomocysteinase
UniProt Protein Name	Adenosylhomocysteinase
UniProt Gene Name	**AHCY**
UniProt Synonym Gene Names	SAHH; AdoHcyase
UniProt Entry Name	SAHH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/s-adenosylhomocysteine-hydrolase-achy-antibody-western-blot-immunohistochemistry-elisa/287589