

Datasheet: VPA00444

Description:	RABBIT ANTI S-ADENOSYL HOMOCYSTEINE HYDROLASE
Specificity:	S-ADENOSYLHOMOCYSTEINE HYDROLASE
Format:	Semi Pure
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Ig fraction - liquid
Preparation	Rabbit Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH conjugated synthetic peptide corresponding to amino acid 407-432 of human S-adenosylhomocysteine hydrolase
External Database Links	UniProt: P23526 Related reagents Entrez Gene: 191 AHCY Related reagents
Synonyms	SAHH

Specificity	Rabbit anti Human S-adenosylhomocysteine hydrolase antibody recognizes S-adenosylhomocysteine hydrolase, also known as DC-expressed AHCY-like molecule, S-adenosyl-L-homocysteine hydrolase, IP(3)Rs binding protein released with IP(3), IRBIT or S-adenosylhomocysteine hydrolase-like protein 1. 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 AHCY (provided by RefSeq, Jun 2009). Rabbit anti Human S-adenosylhomocysteine hydrolase antibody detects a band of 47 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti S-adenosylhomocysteine hydrolase detects a band of approximately 47 kDa in HEK293 cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

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