

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

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. 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 dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse
N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

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 (NaN₃).

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.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

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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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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