

Rabbit BHMT2 Polyclonal Antibody | anti-BHMT2 antibody

BHMT2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199952	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat	Western Blot

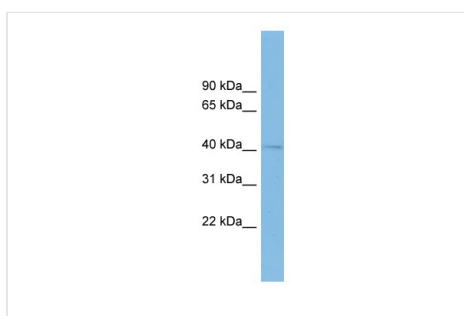
PRODUCT SYNONYMS

BHMT2; Polyclonal Antibody; BHMT2 antibody - middle region; anti-BHMT2 antibody

PRODUCT SPECIFICATIONS

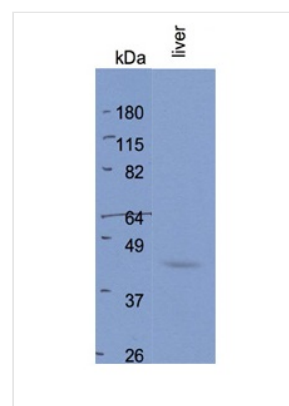
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GF VDLPEYPFGL ESRVATRWDI QKYAREAYNL G VRYIGGCCG FEPYHIRA
Sequence Length	363
Applicable Applications for anti-BHMT2 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 79%; Human: 100%; Mouse: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human BHMT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-BHMT2 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:12500 Positive

Control: PANC1 cell lysate


WB (Western Blot)

Sample Type: Rat Liver BHMT2 antibody - middle region validated by WB using Rat Liver at 1ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BHMT2 antibody	This is a rabbit polyclonal antibody against BHMT2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Homocysteine is a sulfur-containing amino acid that plays a crucial role in methylation reactions. Transfer of the methyl group from betaine to homocysteine creates methionine, which donates the methyl group to methylate DNA, proteins, lipids, and other intracellular metabolites. The protein encoded by this gene is one of two methyl transferases that can catalyze the transfer of the methyl group from betaine to homocysteine. Anomalies in homocysteine metabolism have been implicated in disorders ranging from vascular disease to neural tube birth defects such as spina bifida. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-BHMT2 antibody	Polyclonal; Cardiovascular; Cell Biology; Various; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	13162290
NCBI GeneID	23743
NCBI Accession #	NP_060084
NCBI GenBank Nucleotide #	NM_017614
UniProt Accession #	Q9H2M3
Molecular Weight	40kDa
NCBI Official Full Name	S-methylmethionine--homocysteine S-methyltransferase BHMT2 isoform 1
NCBI Official Synonym Full Names	betaine--homocysteine S-methyltransferase 2
NCBI Official Symbol	BHMT2
NCBI Protein Information	S-methylmethionine--homocysteine S-methyltransferase BHMT2
UniProt Protein Name	S-methylmethionine--homocysteine S-methyltransferase BHMT2
UniProt Gene Name	BHMT2
UniProt Synonym Gene Names	SMM-hcy methyltransferase

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bhmt2-antibody-western-blot-elisa/199952>