

Rabbit BHMT Polyclonal Antibody | anti-BHMT antibody

BHMT antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198918	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

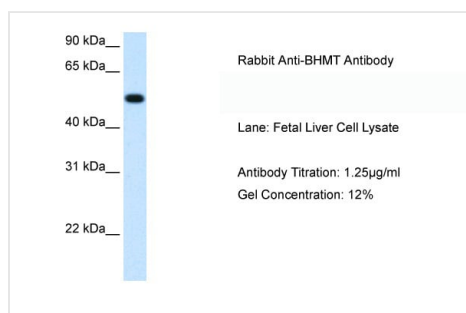
PRODUCT SYNONYMS

BHMT; Polyclonal Antibody; BHMT antibody - C-terminal region; anti-BHMT antibody

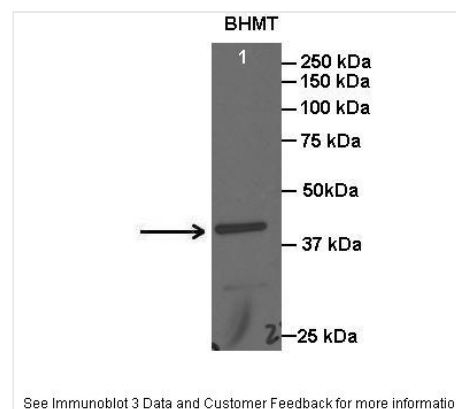
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A 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: KH GSWGSLDMH TKPWVRARAR KEYWENLRIA SGRPYNPSMS KPDGWGVT
Sequence Length	406
Applicable Applications for anti-BHMT antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 85%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 92%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human BHMT
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.

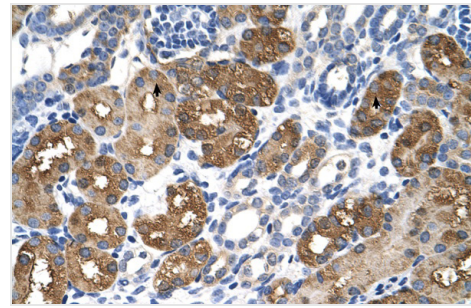
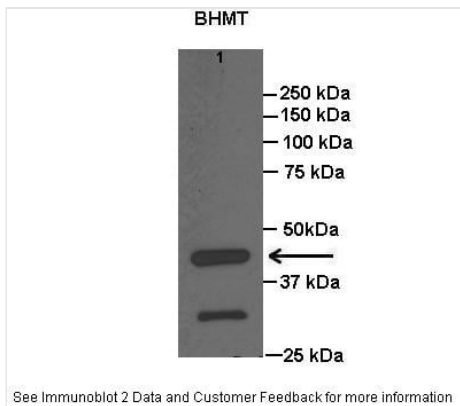
IMAGES


WB (Western Blot)

WB Suggested Anti-BHMT Antibody Titration: 1.25 µg/ml Positive Control: Fetal liver cell lysate


WB (Western Blot)

Lanes: Lane 1: 20 µg rat liver lysate Primary Antibody Dilution: 1:2000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:15000 Gene Name: BHMT Submitted by: Anonymous



IHC (Immunohistochemistry)

Rabbit Anti-BHMT Antibody
Paraffin Embedded Tissue: Epithelial cells of renal tubule
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

WB (Western Blot)

Lanes: Lane 1: 20 ug rat liver lysate
Primary Antibody Dilution: 1:1000
Secondary Antibody: Anti-rabbit HRP
Secondary Antibody Dilution: 1:15000
Gene Name: BHMT
Submitted by: Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-BHMT antibody	This is a rabbit polyclonal antibody against BHMT. It was validated on Western Blot and immunohistochemistry Target Description: BHMT is a cytosolic enzyme that catalyzes the conversion of betaine and homocysteine to dimethylglycine and methionine, respectively. Defects in its gene could lead to hyperhomocyst(e)inemia, but such a defect has not yet been observed. Betaine-homocysteine methyltransferase is a cytosolic enzyme that catalyzes the conversion of betaine and homocysteine to dimethylglycine and methionine, respectively. Defects in BHMT could lead to hyperhomocyst(e)inemia, but such a defect has not yet been observed.
Product Categories/Family for anti-BHMT antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors; Methylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266337
NCBI GeneID	635
NCBI Accession #	NP_001704
NCBI GenBank Nucleotide #	NM_001713
UniProt Accession #	Q93088
Molecular Weight	45kDa
NCBI Official Full Name	betaine--homocysteine S-methyltransferase 1
NCBI Official Synonym Full Names	betaine--homocysteine S-methyltransferase
NCBI Official Symbol	BHMT
NCBI Official Synonym Symbols	BHMT1; HEL-S-61p
NCBI Protein Information	betaine--homocysteine S-methyltransferase 1
UniProt Protein Name	Betaine--homocysteine S-methyltransferase 1
UniProt Gene Name	BHMT
UniProt Entry Name	BHMT1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bhmt-antibody-western-blot-immunohistochemistry-elisa/198918>