

Rabbit BHMT2 Polyclonal Antibody | anti-BHMT2 antibody

BHMT2 Polyclonal Antibody

CATALOG # AAA176311	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	--

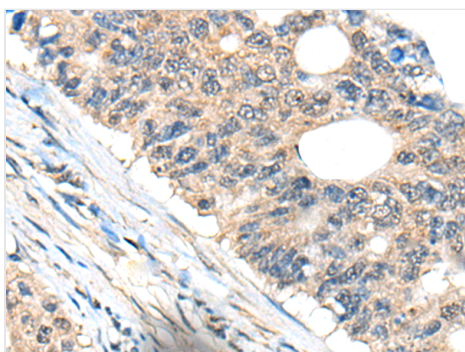
PRODUCT SYNONYMS

BHMT2; Polyclonal Antibody; BHMT2 Polyclonal Antibody; Betaine homocysteine methyltransferase 2; Betaine homocysteine S methyltransferase 2; EC 2.1.1.5; FLJ20001; S methylmethionine homocysteine S methyltransferase BHMT2; SMM hcy methyltransferase; anti-BHMT2 antibody

PRODUCT SPECIFICATIONS

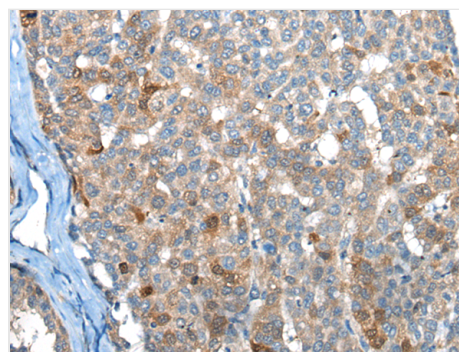
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	363
Applicable Applications for anti-BHMT2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human BHMT2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



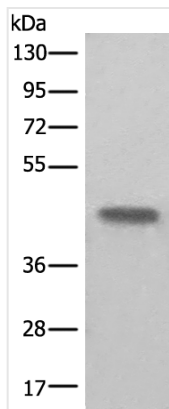
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using BHMT2 Polyclonal Antibody at dilution of 1:45(×200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BHMT2 Polyclonal Antibody at dilution of 1:45(×200



WB (Western Blot)

Western blot analysis of Human kidney tissue lysate using BHMT2 Polyclonal Antibody at dilution of 1:450

ADDITIONAL INFORMATION

Related Product Information for anti-BHMT2 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13162290
NCBI GeneID	23743
NCBI Accession #	NP_060084; BC020665
NCBI GenBank Nucleotide #	NP_060084.2
UniProt Accession #	Q9H2M3
Molecular Weight	40 kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/bhmt2-antibody-immunohistochemistry-western-blot-elisa/176311>