

Rabbit SHMT2 Polyclonal Antibody | anti-SHMT2 antibody

SHMT2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199670	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

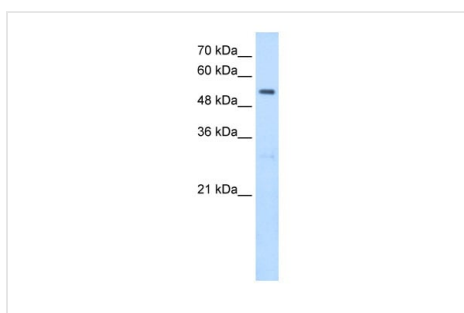
PRODUCT SYNONYMS

SHMT2; Polyclonal Antibody; SHMT2 antibody - N-terminal region; anti-SHMT2 antibody

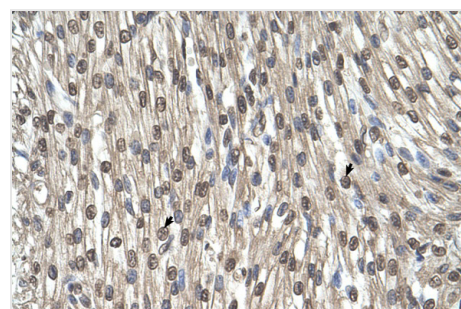
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
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: EL IASENFC SRA ALEALGSLN NKYSEGYPGK RYYGGAEEVD EIELLCQR
Sequence Length	504
Applicable Applications for anti-SHMT2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SHMT2
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 Antibody Titration: 2.5 ug/ml Positive Control: HepG2


IHC (Immunohistochemistry)

Human Heart

ADDITIONAL INFORMATION

Related Product Information for anti-SHMT2 antibody

This is a rabbit polyclonal antibody against SHMT2. It was validated on Western Blot and immunohistochemistry

Target Description: SHMT2 plays a role in interconversion of serine and glycine.

Product Categories/Family for anti-SHMT2 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923315
NCBI GeneID	6472
NCBI Accession #	NP_005403
NCBI GenBank Nucleotide #	NM_005412
UniProt Accession #	P34897
Molecular Weight	56kDa
NCBI Official Full Name	serine hydroxymethyltransferase, mitochondrial isoform 1
NCBI Official Synonym Full Names	serine hydroxymethyltransferase 2
NCBI Official Symbol	SHMT2
NCBI Official Synonym Symbols	GLYA; SHMT; HEL-S-51e
NCBI Protein Information	serine hydroxymethyltransferase, mitochondrial
UniProt Protein Name	Serine hydroxymethyltransferase, mitochondrial
UniProt Gene Name	SHMT2
UniProt Synonym Gene Names	SHMT
UniProt Entry Name	GLYM_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.

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

Online datasheet: <https://stage.aaabiotech.com/polyclonal/shmt2-antibody-western-blot-immunohistochemistry-elisa/199670>