

Rabbit anti-Human Serine hydroxymethyltransferase Polyclonal Antibody | anti-SHMT1 antibody

Rabbit anti-human Serine hydroxymethyltransferase, cytosolic polyclonal Antibody(SHMT1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119453	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

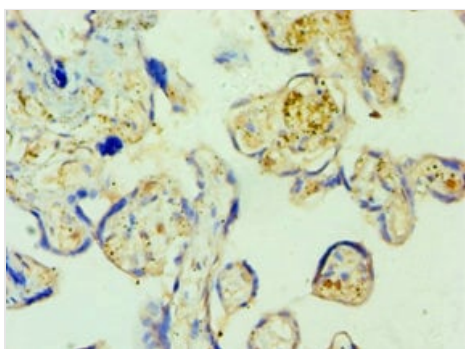
PRODUCT SYNONYMS

Serine hydroxymethyltransferase; Polyclonal Antibody; Rabbit anti-human Serine hydroxymethyltransferase; cytosolic polyclonal Antibody(SHMT1); SHMT; Glycine hydroxymethyltransferase; Serine methylase; SHMT1; anti-SHMT1 antibody

PRODUCT SPECIFICATIONS

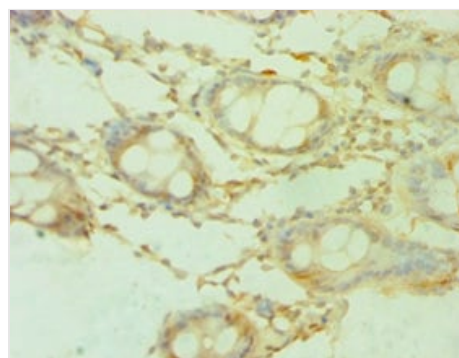
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	345
Applicable Applications for anti-SHMT1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Serine hydroxymethyltransferase, cytosolic protein (324-483aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-25060 / sc-25061
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



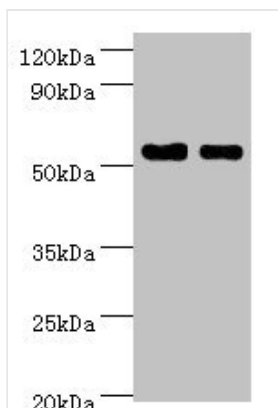
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA119453 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum using AAA119453 at dilution 1:100



WB (Western Blot)

All lanes: Serine hydroxymethyltransferase, cytosolic antibody at 7ug/mL
 Lane 1: Hela whole cell lysate
 Lane 2: HepG2 whole cell lysate
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 54,50,45,38 kDa
 Observed band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SHMT1 antibody

Interconversion of serine and glycine.

NCBI AND UNIPROT INFORMATION

NCBI GI #	528881075
NCBI GeneID	6470
NCBI Accession #	NP_001268715.1
NCBI GenBank Nucleotide #	NM_001281786.1
UniProt Accession #	P34896; Q96HY0; Q9UMD1; Q9UMD2; B4DPM9; D3DXD0
Molecular Weight	37,672 Da
NCBI Official Full Name	serine hydroxymethyltransferase, cytosolic isoform 3
NCBI Official Synonym Full Names	serine hydroxymethyltransferase 1 (soluble)
NCBI Official Symbol	SHMT1
NCBI Official Synonym Symbols	SHMT; CSHMT
NCBI Protein Information	serine hydroxymethyltransferase, cytosolic
UniProt Protein Name	Serine hydroxymethyltransferase, cytosolic
UniProt Gene Name	SHMT1
UniProt Synonym Gene Names	SHMT
UniProt Entry Name	GLYC_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/serine-hydroxymethyltransferase-antibody-immunohistochemistry-western-blot-elisa/119453>