

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

Rabbit anti-SHMT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220171	Rabbit	Human	Immunohistochemistry, Western Blot

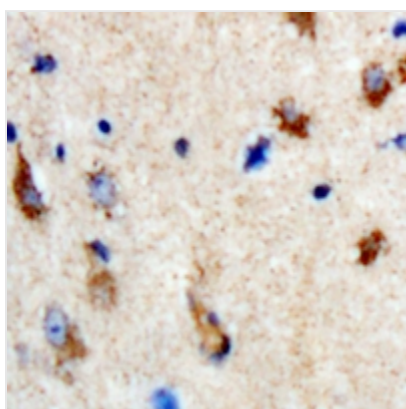
PRODUCT SYNONYMS

SHMT1; Polyclonal Antibody; Rabbit anti-SHMT1 Antibody; Serine hydroxymethyltransferase; cytosolic; SHMT; Glycine hydroxymethyltransferase; Serine methylase; anti-SHMT1 antibody

PRODUCT SPECIFICATIONS

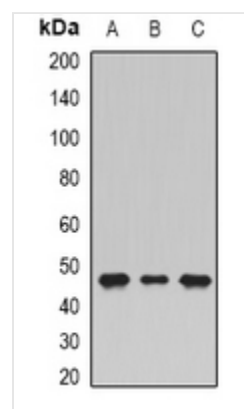
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SHMT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human SHMT1
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of SHMT1 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of SHMT1 expression in HepG2 (A), MCF7 (B), HeLa (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SHMT1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	462184
NCBI GeneID	6470
UniProt Accession #	P34896; Q96HY0; Q9UMD1; Q9UMD2; B4DPM9; D3DXD0
Molecular Weight	483
NCBI Official Full Name	Serine hydroxymethyltransferase, cytosolic
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; serine methylase; glycine hydroxymethyltransferase; cytoplasmic serine hydroxymethyltransferase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/shmt1-antibody-immunohistochemistry-western-blot-elisa/220171>