

Rabbit SHMT/SHMT2 Polyclonal Antibody | anti-SHMT2 antibody

SHMT/SHMT2 Rabbit anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21303	Rabbit	Mouse, Rat, Human	Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot

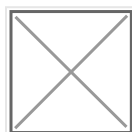
PRODUCT SYNONYMS

SHMT/SHMT2; Polyclonal Antibody; SHMT/SHMT2 Rabbit anti-Human Polyclonal Antibody; IHC-plus SHMT/SHMT2 Antibody; SHMT2; GLY A+; GLYA; Hydroxymethyltransferase 2; Serine methylase; Serine aldolase; SHMT; Threonine aldolase; Serine hydroxymethylase; anti-SHMT2 antibody

PRODUCT SPECIFICATIONS

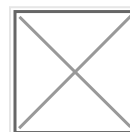
Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human SHMT/SHMT2
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol
Applicable Applications for anti-SHMT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 1:50-1:200 IHC: 1:50-1:200 IHC-P: 1:200 WB: 1:500-1:2000 The predicted MW is 53kDa/54kDa/55kDa, while the observed MW by Western blot was 52kDa.
Target	Human SHMT/SHMT2
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 265-504 of human SHMT2 (NP_005403.2). PSPFKHADIVTTTHKTLRGARGLIFYRKGVKAVDPKTGREIPYTFEDRINFAVFPSLQGGPHNHAIAAVALKQACTPMFREYSLQVLKNARAMADALL
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

SHMT/SHMT2 Antibody-Immunohistochemistry of paraffin-embedded rat spleen using SHMT2 antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)

SHMT/SHMT2 Antibody-Immunohistochemistry of paraffin-embedded human lung using SHMT2 antibody at dilution of 1:200 (400x lens).

**IHC (Immunohistochemistry)**

SHMT/SHMT2 Antibody-Immunohistochemistry of paraffin-embedded rat kidney tissue.

**IHC (Immunohistochemistry)**

SHMT/SHMT2 Antibody-Immunohistochemistry of paraffin-embedded human liver cancer tissue.

**IHC (Immunohistochemistry)**

SHMT/SHMT2 Antibody-Immunohistochemistry of paraffin-embedded human lung cancer tissue.

**IHC (Immunohistochemistry)**

SHMT/SHMT2 Antibody-Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SHMT2 antibody

SHMT2 antibody is an unconjugated rabbit polyclonal antibody to SHMT2 (SHMT) from human. It is reactive with human, mouse and rat. Validated for IF, IHC and WB. Tested on 20 paraffin-embedded human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6472
NCBI Accession #	NP_005403.2
NCBI GenBank Nucleotide #	NM_005412
UniProt Accession #	P34897
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/shmt-shmt2-antibody-immunofluorescence-immunohistochemistry-immunohistochemistry-western-blot-elisa/21303>