

Product Datasheet

SHMT2 Antibody - Azide and BSA Free H00006472-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00006472-B01P

SHMT2 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

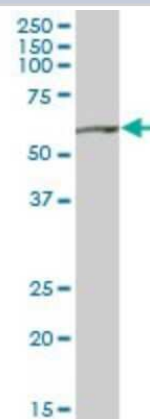
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	6472
Gene Symbol	SHMT2
Species	Human
Specificity/Sensitivity	SHMT2 - serine hydroxymethyltransferase 2 (mitochondrial),
Immunogen	SHMT2 (NP_005403.2, 1 a.a. - 504 a.a.) full-length human protein. MLYFSLFWAARPLQRCGQLVRMAIRAQHSNAAQTQTGEANRGWTGQESLSD SDPEMWELLQREKDRQCRGLELIASENFCSRAALEALGSCLNNKYSEGYPGK RYYGGAEVVDEIELLCQRRALEAFDLDPAQWGVNVQPYSGSPANLAVYTALLQ PHDRIMGLDLPDGGHLTHGYMSDVKRISATSIFFESMPYKLNPKTGLIDYNQLA LTARLFRPRLIAGTSAYARLIDYARMREVCDEVKAHLLADMAHISGLVAAKVIPS PFKHADIVTTTTHTKLRGARSGLIFYRKGVKAVDPKTGREIPYTFEDRINFAVFP SLQGGPHNHAIAAVALKQACTPMFREYSLQVLKNARAMADALLERGYSLVS GGTDNHLVLVDLRPKGLDGARAERVLELVSITANKNTCPGDRSAITPGGLRLGA PALTSRQFREDDFRRVVD FIDEGVNIGLEVKSKTAKLQDFKSFLLKDSETSQRL ANLRQRVEQFARAFPM PGFDEH
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against transfected lysate and tissue lysate for WB. It has been used for IF and ELISA.

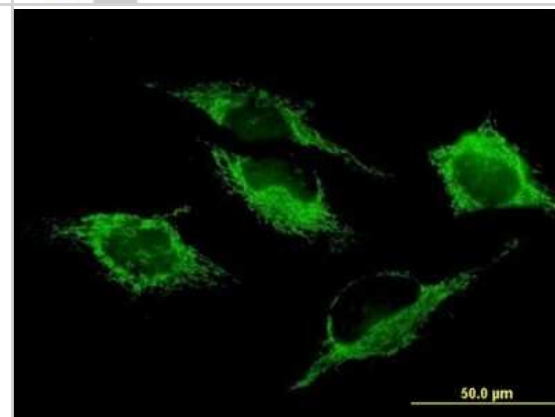


Images

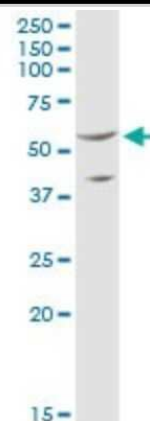
Western Blot: SHMT2 Antibody [H00006472-B01P] - Analysis of SHMT2 expression in human spleen.



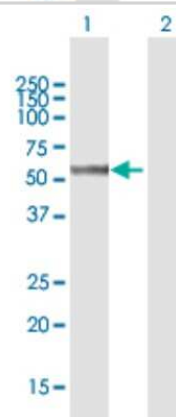
Immunocytochemistry/Immunofluorescence: SHMT2 Antibody [H00006472-B01P] - Analysis of purified antibody to SHMT2 on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: SHMT2 Antibody [H00006472-B01P] - Analysis of SHMT2 expression in HeLa.



Western Blot: SHMT2 Antibody [H00006472-B01P] - Analysis of SHMT2 expression in transfected 293T cell line by SHMT2 polyclonal antibody. Lane 1: SHMT2 transfected lysate(55.44 KDa). Lane 2: Non-transfected lysate.



Publications

Nathalie E, Abigail L, Sahar S et al. Loss of PYCR2 Causes Neurodegeneration by Increasing Cerebral Glycine Levels via SHMT2. *Neuron*. 2020-04-22 [PMID: 32330411]

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Products Related to H00006472-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP1-80755PEP	SHMT2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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