

Product Datasheet

SHMT2 Antibody - BSA Free

NBP3-37977-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-37977-100ul

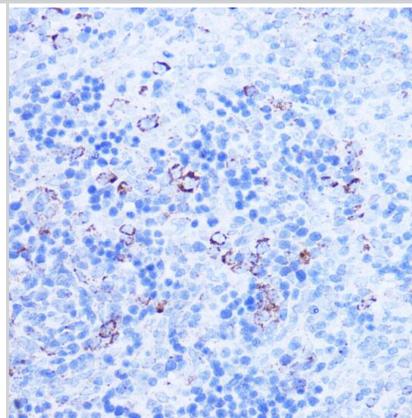
SHMT2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	56 kDa
Product Description	
Description	Novus Biologicals Rabbit SHMT2 Antibody - BSA Free (NBP3-37977) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6472
Gene Symbol	SHMT2
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 265-504 of human SHMT2 (NP_005403.2). Sequence: PSPFKHADIVTTTTHKTLRGARSGLIFYRKGVKAVDPKTGREIPYTFEDRINFAV FPSLQGGPHNHAIAAVAVALKQACTPMFREYSLQVLKNARAMADALLERGYSL VSGGTDNHLVLDLRPKGLDGARAERVLELVSITANKNTCPGDRSAITPGGLRL GAPALTSRQFREDDFRRVVDVFIDEGVNIGLEVKSKTAKLQDFKSFLLKDSETSQ RLANLRQRVEQFARAFPMMPGFDEH
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5ug - 4ug antibody for 200ug - 400ug extracts of whole cells, Immunohistochemistry-Paraffin 1:50 - 1:100

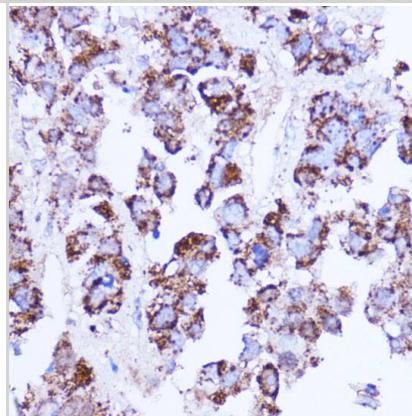


Images

Immunohistochemistry: SHMT2 Antibody [NBP3-37977] - Immunohistochemistry analysis of paraffin-embedded Rat spleen using SHMT2 Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

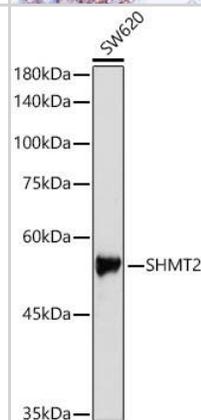


Immunohistochemistry: SHMT2 Antibody [NBP3-37977] - Immunohistochemistry analysis of paraffin-embedded Human liver cancer using SHMT2 Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

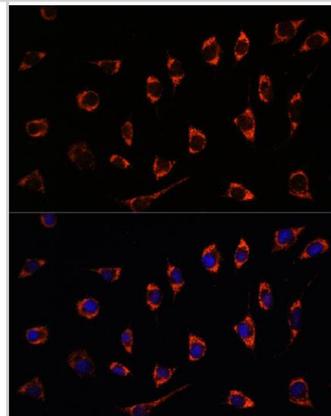


Western Blot: SHMT2 Antibody [NBP3-37977] - Western blot analysis of lysates from SW620 cells, using SHMT2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

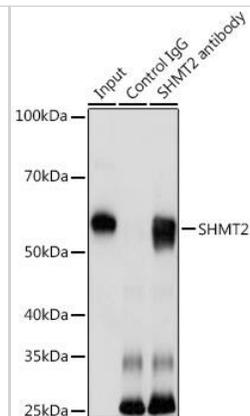
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit.
Exposure time: 1s.



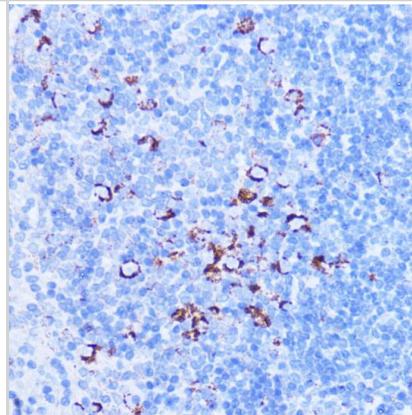
Immunocytochemistry/ Immunofluorescence: SHMT2 Antibody [NBP3-37977] - Immunofluorescence analysis of L929 cells using SHMT2 Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



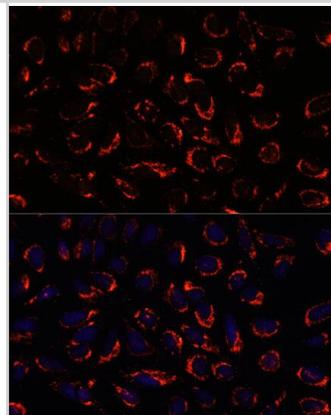
Immunoprecipitation: SHMT2 Antibody [NBP3-37977] -
Immunoprecipitation analysis of 200 ug extracts of HeLa cells using 3 ug SHMT2 antibody. Western blot was performed from the immunoprecipitate using SHMT2 antibody at a dilution of 1:1000.



Immunohistochemistry: SHMT2 Antibody [NBP3-37977] -
Immunohistochemistry analysis of paraffin-embedded Mouse spleen using SHMT2 Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: SHMT2 Antibody [NBP3-37977] -
Immunofluorescence analysis of U-2 OS cells using SHMT2 Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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Products Related to NBP3-37977-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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