

# Product Datasheet

## SHMT2 Antibody - BSA Free

### NBP2-20354

Unit Size: 0.1 ml

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

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**NBP2-20354**

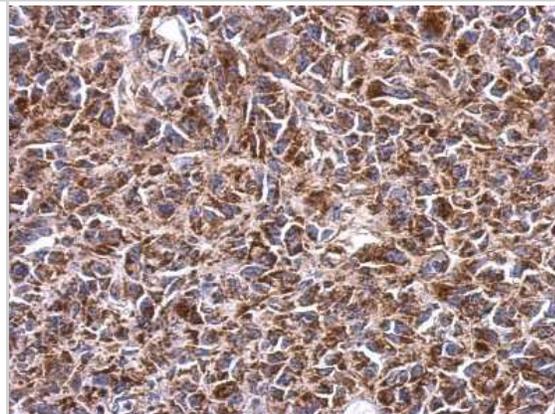
SHMT2 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	56 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit SHMT2 Antibody - BSA Free (NBP2-20354) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6472
<b>Gene Symbol</b>	SHMT2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Xenopus laevis (81%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the N-terminus region of human SHMT2. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:5000-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen

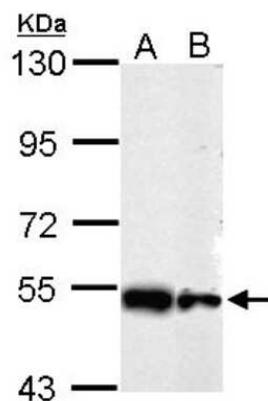


## Images

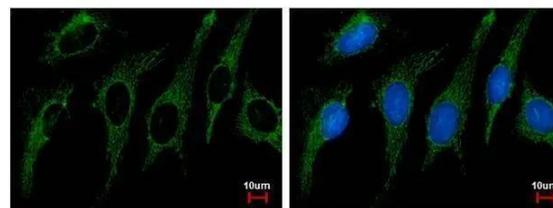
Immunohistochemistry-Paraffin: SHMT2 Antibody [NBP2-20354] - Immunohistochemical analysis of paraffin-embedded HeLa xenograft, using antibody at 1:500 dilution.



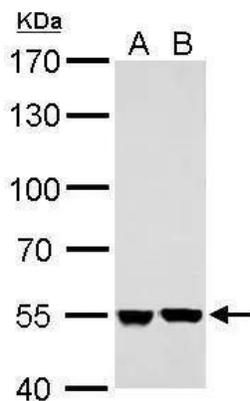
Western Blot: SHMT2 Antibody [NBP2-20354] - Sample (whole cell lysate) A: 293T 10ug, B: HeLa 10ug, 7.5% SDS PAGE gel, diluted at 1:10000.



SHMT2 antibody detects SHMT2 protein at Mitochondria by immunofluorescent analysis.  
 Sample: HeLa cells were fixed in ice-cold MeOH for 1 sec.  
 Green: SHMT2 protein stained by SHMT2 antibody (NBP2-20354) diluted at 1:500.  
 Blue: Hoechst 33342 staining.



SHMT2 antibody detects SHMT2 protein by Western blot analysis.  
 A. 30 ug A431 whole cell lysate/extract  
 B. 30 ug HepG2 whole cell lysate/extract  
 7.5 % SDS-PAGE  
 SHMT2 antibody (NBP2-20354) dilution: 1:5000





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### **Products Related to NBP2-20354**

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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

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### **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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