Product Datasheet

HMGCS2 Antibody - BSA Free
NBP2-33908

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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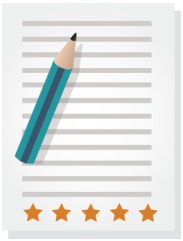


NBP2-33908

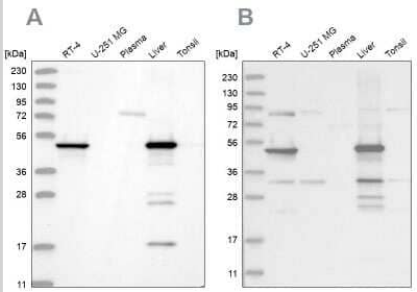
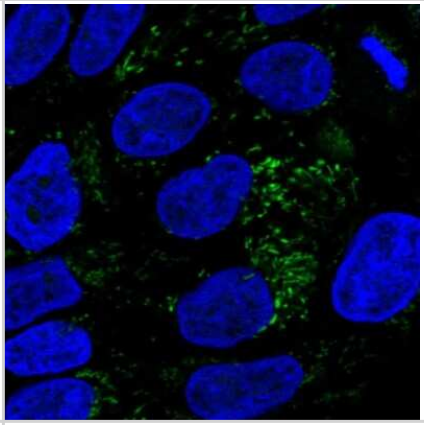
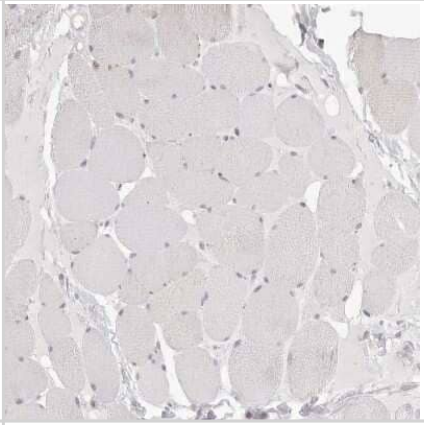
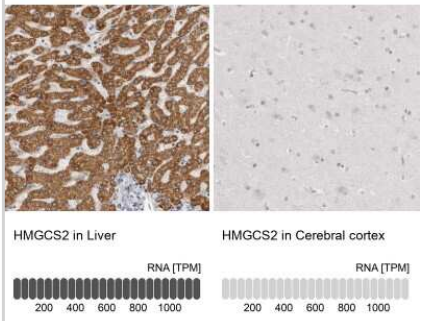
HMGCS2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

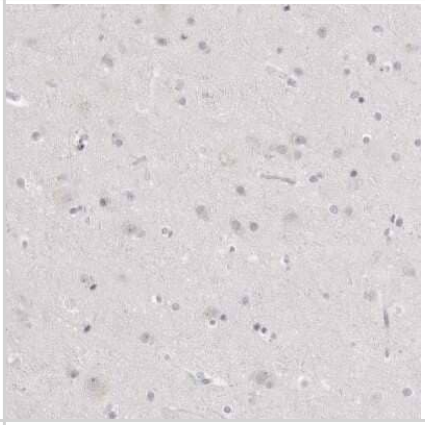
Product Description	
Description	Novus Biologicals Rabbit HMGCS2 Antibody - BSA Free (NBP2-33908) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3158
Gene Symbol	HMGCS2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ILQLTRAVQETSLTPARLLPVAHQRFSTASAVPLAKTDTWPKDVGILALEVYFPA QYVDQTDLEKYNNVE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

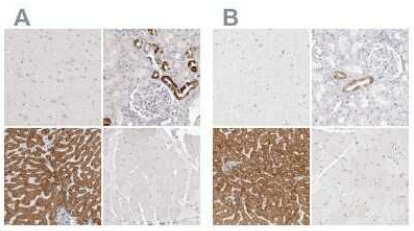
Images

Western Blot: HMGCS2 Antibody [NBP2-33908] - Analysis using Anti-HMGCS2 antibody NBP2-33908 (A) shows similar pattern to independent antibody NBP2-33907 (B).	
Immunocytochemistry/Immunofluorescence: HMGCS2 Antibody [NBP2-33908] - Staining of human cell line RT4 shows localization to mitochondria. Antibody staining is shown in green.	
Immunohistochemistry-Paraffin: HMGCS2 Antibody [NBP2-33908] - Staining of human skeletal muscle shows no positivity in myocytes as expected.	
Immunohistochemistry-Paraffin: HMGCS2 Antibody [NBP2-33908] - Analysis in human liver and cerebral cortex tissues. Corresponding HMGCS2 RNA-seq data are presented for the same tissues.	

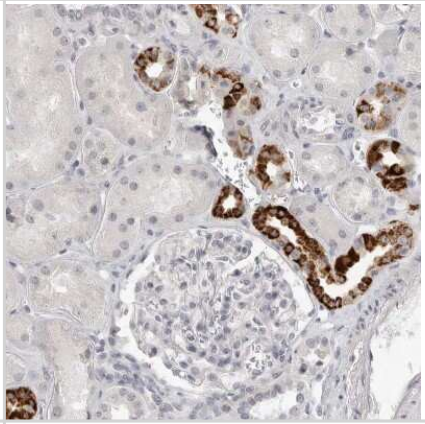
Immunohistochemistry-Paraffin: HMGCS2 Antibody [NBP2-33908] - Staining of human cerebral cortex shows no positivity in neurons as expected.



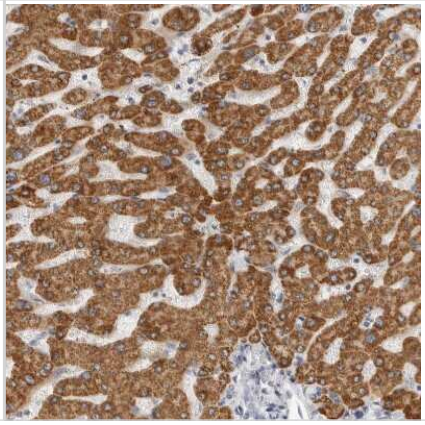
Immunohistochemistry-Paraffin: HMGCS2 Antibody [NBP2-33908] - Staining of human cerebral cortex, kidney, liver and skeletal muscle using Anti-HMGCS2 antibody NBP2-33908 (A) shows similar protein distribution across tissues to independent antibody NBP2-33907 (B).



Immunohistochemistry-Paraffin: HMGCS2 Antibody [NBP2-33908] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: HMGCS2 Antibody [NBP2-33908] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



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Products Related to NBP2-33908

NBP2-33908PEP	HMGCS2 Recombinant Protein Antigen
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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