

# Product Datasheet

## HMGC2 Antibody NBP3-35423-100ul

Unit Size: 100 ul

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

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**NBP3-35423-100ul**

HMGCS2 Antibody

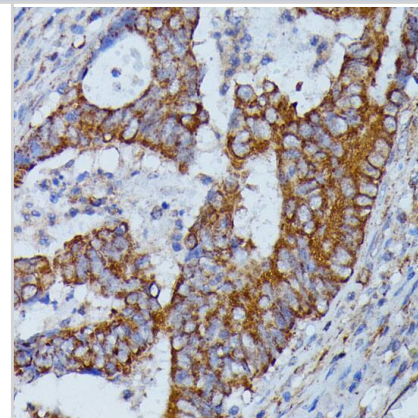
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	57 kDa

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3158
<b>Gene Symbol</b>	HMGCS2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 269-508 of human HMGCS2 (NP_005509.1).  Sequence: CYTSYRKKIQNQWKQAGSDRPFTLDDLQYMIFHTPFCKMVQKSLARLMFNDFL SASSDTQTSLYKGLEAFGGLKLEDITYTNKDLKALLKASQDMFDKTKASLYLS THNGNMYTSSLYGCLASLLSHHSAQELAGSRIGAFSYGSLAASFFSFRVSQD AAPGSPLDKLVSSTSDLPKRLASRKCVSPEEFTEIMNQREQFYHKVNFSPPGD TNSLFPGTWYLERVDEQHRRKYARRPV

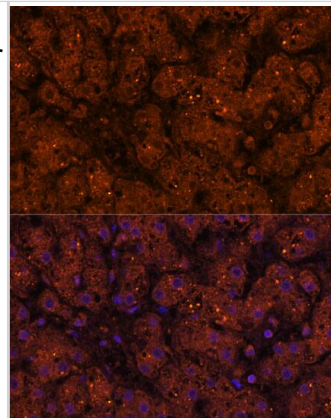
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:8000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:100, Immunohistochemistry-Paraffin 1:50 - 1:100

**Images**

Immunocytochemistry/ Immunofluorescence: HMGCS2 Antibody [NBP3-35423] - Immunofluorescence analysis of paraffin-embedded rat liver using HMGCS2 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

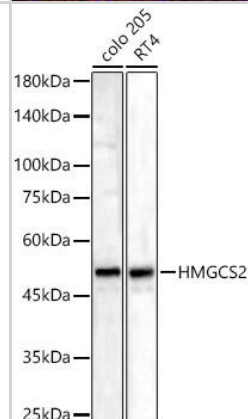


**Immunocytochemistry/ Immunofluorescence: HMGCS2 Antibody [NBP3-35423]** - Immunofluorescence analysis of paraffin-embedded mouse liver using HMGCS2 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

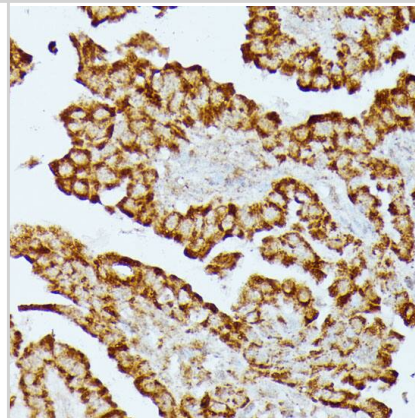


**Western Blot: HMGCS2 Antibody [NBP3-35423]** - Western blot analysis of various lysates using HMGCS2 Rabbit pAb at 1:7000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

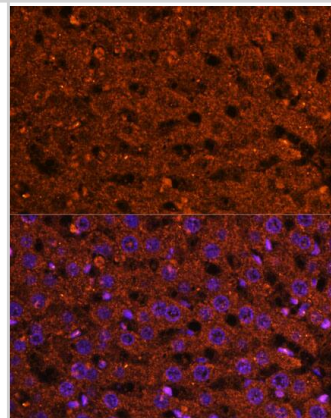
Lysates / proteins: 25 ug per lane.  
 Blocking buffer: 3 % nonfat dry milk in TBST.  
 Detection: ECL Basic Kit.  
 Exposure time: 30s.



**Immunohistochemistry: HMGCS2 Antibody [NBP3-35423]** - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using HMGCS2 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: HMGCS2 Antibody [NBP3-35423]** - Immunofluorescence analysis of paraffin-embedded human liver using HMGCS2 Rabbit pAb at dilution of 1:100 (40x lens). 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 NBP3-35423-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-33908PEP	HMGCS2 Recombinant Protein Antigen

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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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