

HMGCS2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human HMGCS2
Form	Liquid
Concentration	0.1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2642479

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:1,000-1:2,500	-

Product Specific Information

Immunogen sequence: ASFFSFRVSQ DAAPGSPLDK LVSSTSDLPK RLASRKCVSP EEFTEIMNQR EQFYHKVNFS PPG

Highest antigen sequence identity to the following orthologs: Mouse - 87%, Rat - 87%.

Product Images For HMGCS2 Polyclonal Antibody

HMGCS2 Antibody (PA5-55609)

Relative expression in different tissues in IHC: Detection of differential expression levels of HMGCS2 demonstrates antibody specificity. Immunohistochemical analysis of HMGCS2 using anti-HMGCS2 Polyclonal Antibody (Product # PA5-55609), shows significant staining of HMGCS2 in human liver and shows minimal or weak staining in human cerebral cortex tissues. The relative expression levels of HMGCS2 within each tissue is shown using RNA-Seq. {RE}

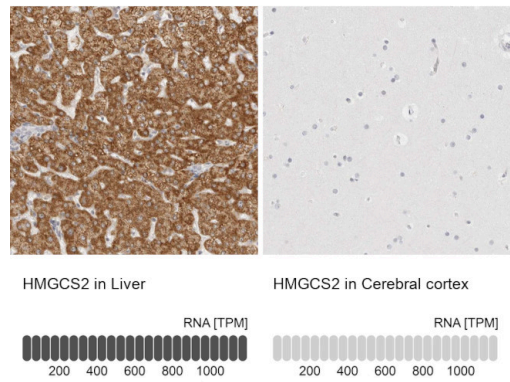


Figure showing immunohistochemical (IHC) staining and corresponding RNA-seq data for HMGCS2 in Liver and Cerebral cortex. The IHC images show strong brown staining in Liver tissue and minimal staining in Cerebral cortex tissue. Below the images are bar charts representing RNA-seq data (TPM) for each tissue, with a scale from 0 to 1000. The Liver chart shows high expression (approx. 1000 TPM) and the Cerebral cortex chart shows low expression (approx. 100 TPM).

HMGCS2 Antibody (PA5-55609) in IHC

Immunohistochemical staining of HMGCS2 in human cerebral cortex, kidney, liver and lymph node using HMGCS2 Polyclonal Antibody (Product # PA5-55609) (A) shows similar protein distribution across tissues to an independent HMGCS2 Polyclonal Antibody (B).

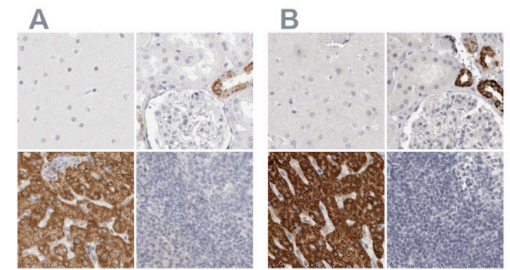


Figure showing immunohistochemical (IHC) staining of HMGCS2 in human cerebral cortex, kidney, liver and lymph node using HMGCS2 Polyclonal Antibody (Product # PA5-55609). The figure is divided into two panels, A and B, each showing four images of different tissues. Panel A shows similar protein distribution across tissues to an independent HMGCS2 Polyclonal Antibody (B).

HMGCS2 Antibody (PA5-55609) in IHC

Immunohistochemical staining of HMGCS2 in human liver and cerebral cortex tissues using HMGCS2 Polyclonal Antibody (Product # PA5-55609). Corresponding HMGCS2 RNA-seq data are presented for the same tissues.

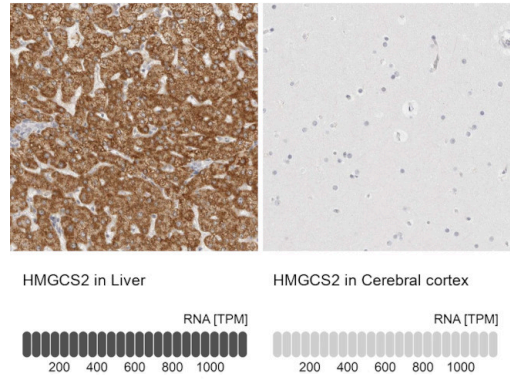


Figure showing immunohistochemical (IHC) staining and corresponding RNA-seq data for HMGCS2 in Liver and Cerebral cortex. The IHC images show strong brown staining in Liver tissue and minimal staining in Cerebral cortex tissue. Below the images are bar charts representing RNA-seq data (TPM) for each tissue, with a scale from 0 to 1000. The Liver chart shows high expression (approx. 1000 TPM) and the Cerebral cortex chart shows low expression (approx. 100 TPM).

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