

HMGCS1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6652b**Specification**

HMGCS1 Antibody (C-term) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	Q01581
Other Accession	P17425 , Q8JZK9 , P13704 , P23228
Reactivity	Human
Predicted	Chicken, Hamster, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57294
Antigen Region	442-470

HMGCS1 Antibody (C-term) - Additional Information**Gene ID** 3157**Other Names**Hydroxymethylglutaryl-CoA synthase, cytoplasmic, HMG-CoA synthase,
3-hydroxy-3-methylglutaryl coenzyme A synthase, HMGCS1, HMGCS**Target/Specificity**

This HMGCS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 442-470 amino acids from the C-terminal region of human HMGCS1.

Dilution

FC~~1:10~50

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HMGCS1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HMGCS1 Antibody (C-term) - Protein Information

Name HMGCS1 ([HGNC:5007](#))

Synonyms HMGCS

Function Catalyzes the condensation of acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate, a precursor for cholesterol synthesis.

Cellular Location

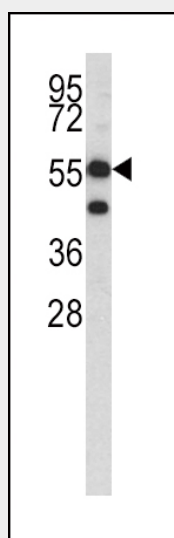
Cytoplasm.

HMGCS1 Antibody (C-term) - Protocols

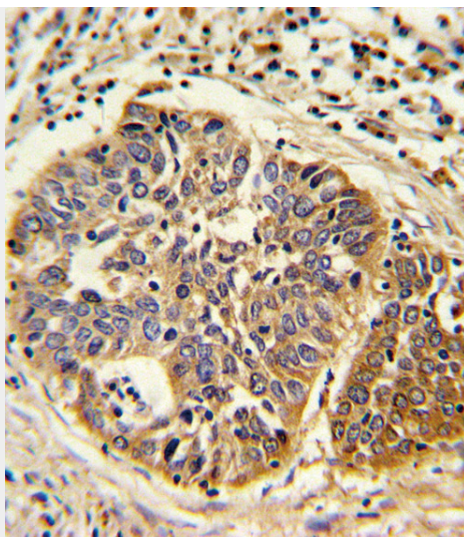
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

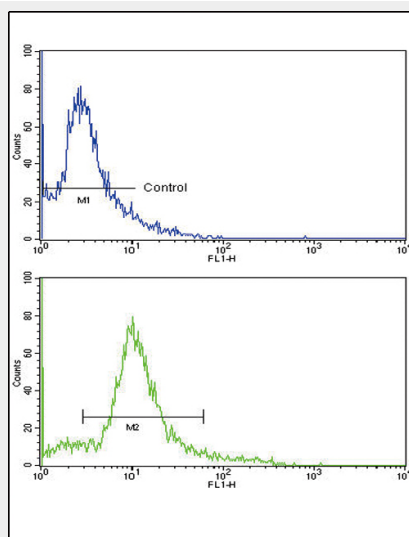
HMGCS1 Antibody (C-term) - Images



Western blot analysis of HMGCS1 antibody (C-term) (Cat. #AP6652b) in K562 cell line lysates (35ug/lane). NKRF (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with HMGCS1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of HeLa cells using HMGCS1 Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

HMGCS1 Antibody (C-term) - Background

HMGCS1 condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.

HMGCS1 Antibody (C-term) - References

Vock, C., Cell. Physiol. Biochem. 22 (5-6), 515-524 (2008)