

HMGCS1 Rabbit pAb

Catalog No.: A3916

5 Publications

Basic Information

Observed MW

57kDa

Calculated MW

57kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Enables protein homodimerization activity. Predicted to be involved in acetyl-CoA metabolic process and farnesyl diphosphate biosynthetic process, mevalonate pathway. Predicted to be located in cytoplasm. Predicted to be active in cytosol.

Recommended Dilutions

WB 1:1000 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

3157

Swiss Prot

Q01581

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 241-520 of human HMGCS1 (NP_002121.4).

Synonyms

HMGCS; HMGCS1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

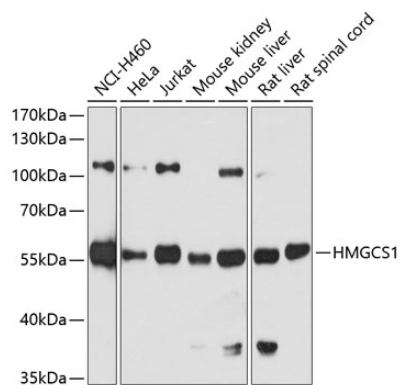
Affinity purification

Storage

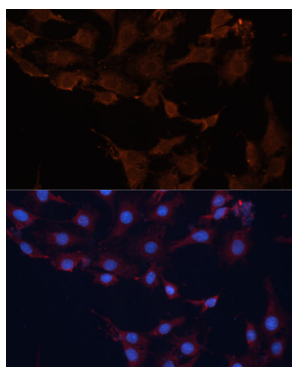
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

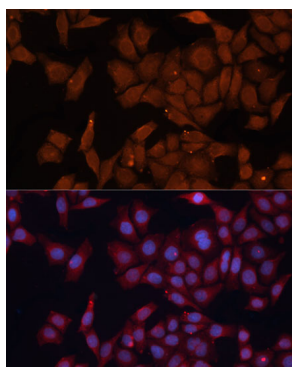
Validation Data



Western blot analysis of various lysates using HMGCS1 Rabbit pAb (A3916) at 1:7000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of C6 cells using HMGCS1 Rabbit pAb (A3916) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using HMGCS1 Rabbit pAb (A3916) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.