


Product datasheet

Anti-HMGCS1 antibody ab155787

1 References 5 Images

Overview

Product name	Anti-HMGCS1 antibody
Description	Rabbit polyclonal to HMGCS1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Cow 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 194-455 of Human HMGCS1 (Uniprot ID: Q01581).
Positive control	293T, A431, HeLa and Mouse liver whole cell lysates; Hela cells; Rat RT2 xenograft and Human CL15 xenograft tissues.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78% PBS, 20% Glycerol, 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab155787** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

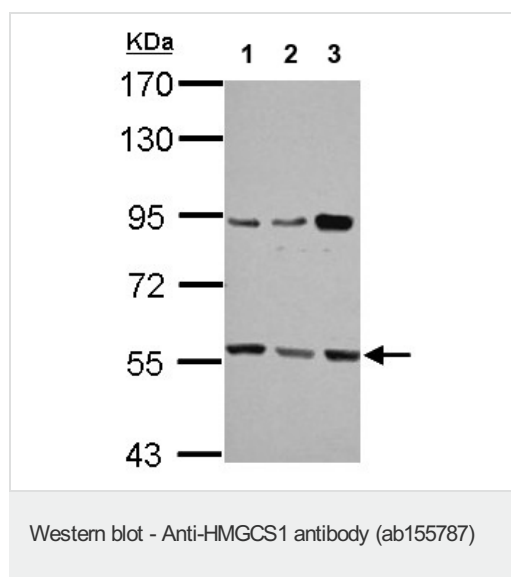
Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 57 kDa.

Application	Abreviews	Notes
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

Target

Function	This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.
Pathway	Metabolic intermediate biosynthesis; (R)-mevalonate biosynthesis; (R)-mevalonate from acetyl-CoA: step 2/3.
Sequence similarities	Belongs to the HMG-CoA synthase family.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-HMGCS1 antibody (ab155787) at 1/5000 dilution

Lane 1 : 293T whole cell lysate

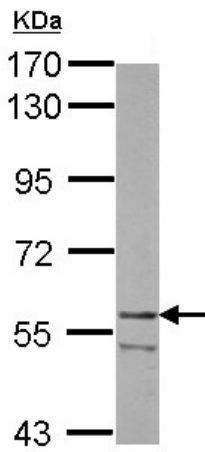
Lane 2 : A431 whole cell lysate

Lane 3 : HeLa whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 57 kDa

7.5% SDS PAGE

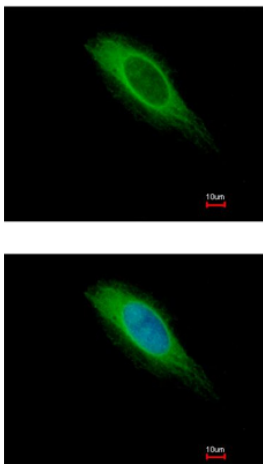


Western blot - Anti-HMGCS1 antibody (ab155787)

Anti-HMGCS1 antibody (ab155787) at 1/1000 dilution + Mouse liver whole cell lysate at 30 μ g

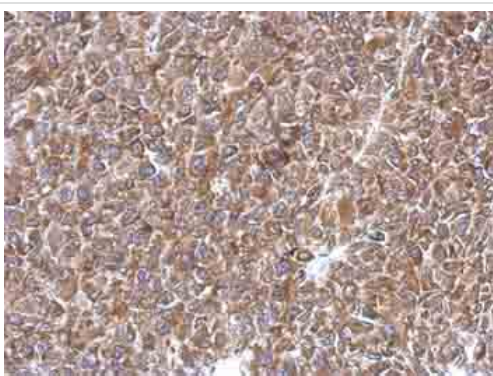
Predicted band size: 57 kDa

7.5% SDS PAGE



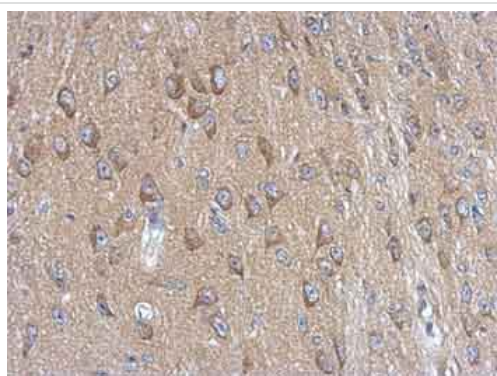
Immunocytochemistry/ Immunofluorescence - Anti-HMGCS1 antibody (ab155787)

Immunofluorescence analysis of methanol-fixed HeLa cells, labeling HMGCS1 with ab155787 at 1/500 dilution. Lower image shows cells co-stained with Hoechst 33342.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HMGCS1 antibody (ab155787)

Immunohistochemical analysis of paraffin-embedded Rat RT2 xenograft tissue, labeling HMGCS1 with ab155787 at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded Human CL15 xenograft tissue, labeling HMGCS1 with ab155787 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HMGCS1 antibody (ab155787)

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