


# Anti-HMGCS1 antibody ab155787

**7 References**   **5 图像**

### 概述

产品名称	Anti-HMGCS1抗体
描述	兔多克隆抗体to HMGCS1
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Cow 
免疫原	Recombinant fragment, corresponding to a region within amino acids 194-455 of Human HMGCS1 (Uniprot ID: Q01581).
阳性对照	293T, A431, HeLa and Mouse liver whole cell lysates; Hela cells; Rat RT2 xenograft and Human CL15 xenograft tissues.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

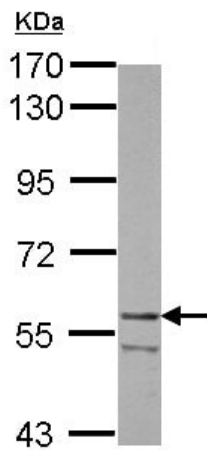
**Abpromise™ 承诺保证使用ab155787于以下的经测试应用**

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 57 kDa.
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

功能	This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.
通路	Metabolic intermediate biosynthesis; (R)-mevalonate biosynthesis; (R)-mevalonate from acetyl-CoA: step 2/3.
序列相似性	Belongs to the HMG-CoA synthase family.
细胞定位	Cytoplasm.

Western blot analysis of HMGCS1 antibody (ab155787) specificity. The blot shows three lanes: 1 (anti-HMGCS1 IgG), 2 (anti-HMGCS1 IgG + HMGCS1), and 3 (anti-HMGCS1 IgG + HMGCS1 + anti-HMGCS1 IgG). Molecular weight markers are indicated on the left: 170, 130, 95, 72, 55, and 43 kDa. A strong band is visible at approximately 55 kDa in lane 1, which is significantly reduced in lane 2 and almost completely absent in lane 3. An arrow points to the 55 kDa band in lane 1.

7.5% SDS PAGE

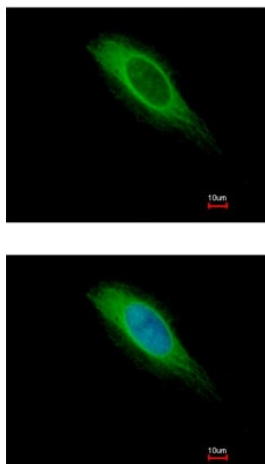


Western blot - Anti-HMGCS1 antibody (ab155787)

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

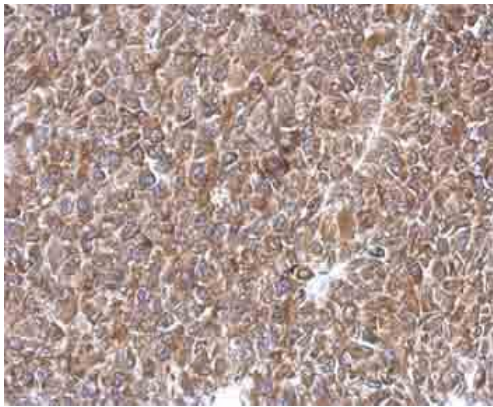
**Predicted band size:** 57 kDa

7.5% SDS PAGE



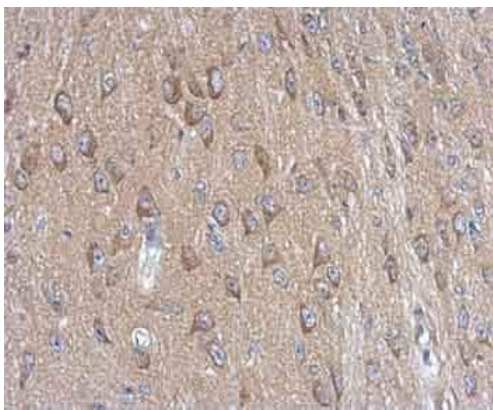
Immunocytochemistry/ Immunofluorescence - Anti-HMGCS1 antibody (ab155787)

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



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

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



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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