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Datasheet for ABIN2856650
anti-HMGCL antibody (full length)

5 Images

Overview

Quantity:	100 µL
Target:	HMGCL
Binding Specificity:	full length
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGCL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Full length human HMGCL Recombinant protein.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to HMGCL (3-hydroxymethyl-3-methylglutaryl-CoA lyase) HMGCL antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HMGCL
Alternative Name:	HMGCL (HMGCL Products)

Target Details

Background: The protein encoded by this gene belongs to the HMG-CoA lyase family. It is a mitochondrial enzyme that catalyzes the final step of leucine degradation and plays a key role in ketone body formation. Mutations in this gene are associated with HMG-CoA lyase deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Cellular Localization: Mitochondrion matrix

Molecular Weight: 34 kDa

Gene ID: 3155

Application Details

Application Notes: Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:1000-1:10000* Not tested in other applications.
Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000 IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:1000-1:10000*

Comment: Positive Control: H1299 , mouse liver , rat liver

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

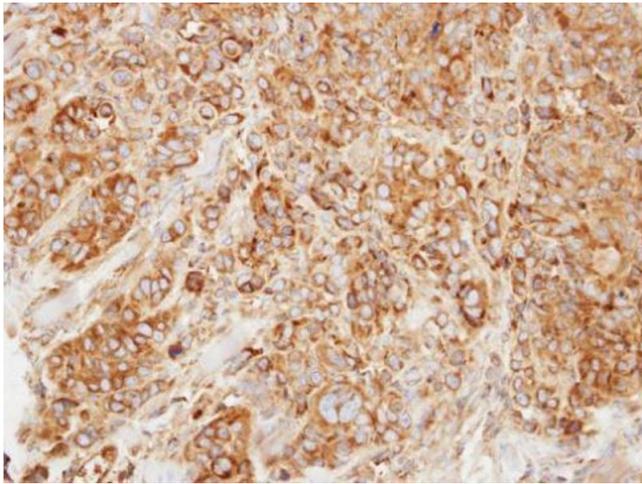
Buffer: 0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

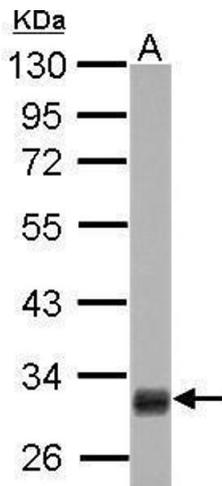
Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



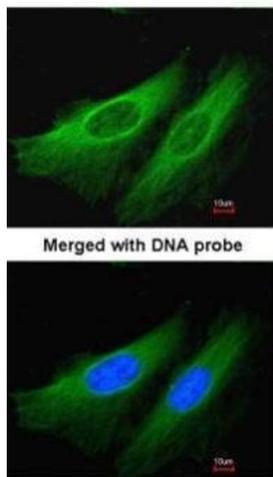
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using HMGCL antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image HMGCL antibody detects HMGCL protein by Western blot analysis. A. 50 µg rat liver lysate/extract 10 % SDS-PAGE HMGCL antibody , dilution: 1:10000



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using HL antibody at 1:200 dilution.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856650.