

Datasheet for ABIN7155995
anti-HMGCL antibody (AA 1-325)

3 Images

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Overview

Quantity:	100 µL
Target:	HMGCL
Binding Specificity:	AA 1-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGCL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Hydroxymethylglutaryl-CoA lyase, mitochondrial protein (1-325AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Antigen Affinity Purified

Target Details

Target:	HMGCL
Alternative Name:	HMGCL (HMGCL Products)
Background:	Background: Key enzyme in ketogenesis (ketone body formation). Terminal step in leucine catabolism. Ketone bodies (beta-hydroxybutyrate, acetoacetate and acetone) are essential as

Target Details

an alternative source of energy to glucose, as lipid precursors and as regulators of metabolism.
Aliases: 3 hydroxy 3 methylglutaryl CoA lyase antibody, 3 hydroxy 3 methylglutaryl Coenzyme A lyase antibody, 3 hydroxymethyl 3 methylglutaryl Coenzyme A lyase (hydroxymethylglutaricaciduria) antibody, 3 hydroxymethyl 3 methylglutaryl Coenzyme A lyase antibody, 3-hydroxy-3-methylglutarate-CoA lyase antibody, HL antibody, HMG CoA lyase antibody, HMG CoA Lyase Deficiency antibody, HMG-CoA lyase antibody, HMGCL antibody, HMGCL_HUMAN antibody, Hydroxymethylglutaricaciduria antibody, Hydroxymethylglutaryl CoA lyase antibody, Hydroxymethylglutaryl CoA lyase mitochondrial antibody, Hydroxymethylglutaryl-CoA lyase antibody, Mitochondrial 3 hydroxy 3 methylglutaryl CoA lyase antibody, mitochondrial antibody, MS725 antibody, OTTHUMP00000044830 antibody

UniProt: [P35914](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

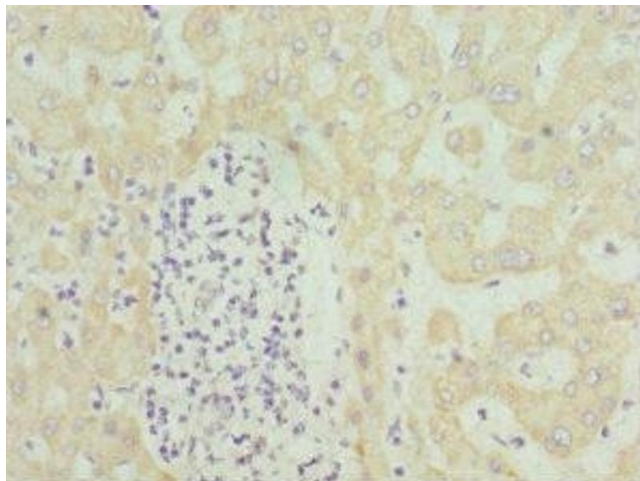
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

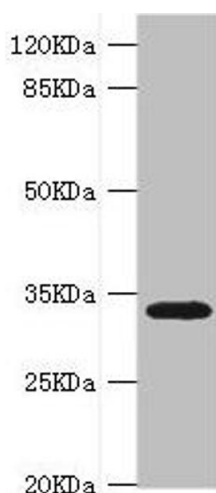
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



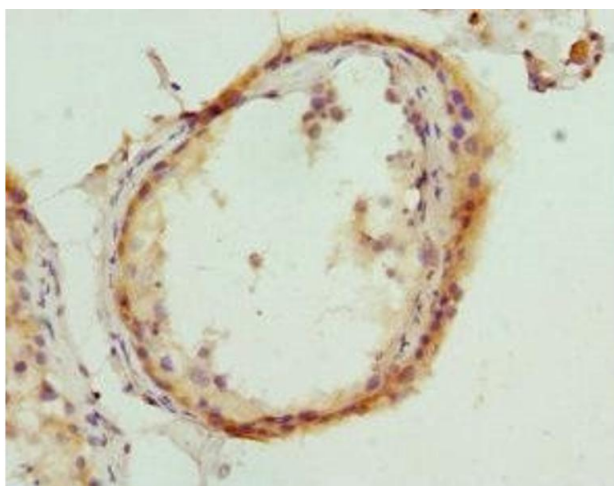
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7155995 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: HMGCL antibody at 0.8 μ g/mL + Rat liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 35, 27, 21 kDa Observed band size: 35 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7155995 at dilution of 1:100