

Datasheet for ABIN453106

anti-HMGCS2 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	HMGCS2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGCS2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the C-terminal region of human HMGCS2
Specificity:	This antibody reacts to HMGCS2.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	HMGCS2
Abstract:	HMGCS2 Products
Background:	HMGCS2 belongs to the HMG-CoA synthase family. It is a mitochondrial enzyme that catalyzes the first reaction of ketogenesis, a metabolic pathway that provides lipid-derived energy for various organs during times of carbohydrate deprivation, such as fasting. Synonyms: 3-hydroxy-3-methylglutaryl coenzyme A synthase, mitochondrial HMG-CoA synthase, mitochondrial

Target Details

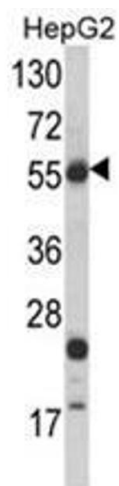
	Hydroxymethylglutaryl-CoA synthase
Gene ID:	3158
NCBI Accession:	NP_005509
UniProt:	P54868
Pathways:	Response to Growth Hormone Stimulus , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of HMGCS2 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). HMGCS2 (arrow) was detected using the purified Pab.