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Datasheet for ABIN7155997

anti-HMGCL antibody (AA 28-325) (Biotin)

Overview

Quantity:	100 µL
Target:	HMGCL
Binding Specificity:	AA 28-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGCL antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Hydroxymethylglutaryl-CoA lyase, mitochondrial protein (28-325aa)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G 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: Hydroxymethylglutaryl-CoA lyase, mitochondrial (HL) (HMG-CoA lyase) (EC 4.1.3.4) (3-hydroxy-3-methylglutarate-CoA lyase), HMGCL

UniProt: [P35914](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.