
Product Name: HMGCS2 Rabbit Monoclonal Antibody**Catalog #: AMRe86662**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:50-1:200
Molecular Weight	Calculated MW:57 kDa; Observed MW:57 kDa

Antigen Information

Gene Name	HMGCS2
Alternative Names	3-hydroxy-3-methylglutaryl coenzyme A synthase
Gene ID	3158
SwissProt ID	P54868
Immunogen	A synthetic peptide of human HMGCS2

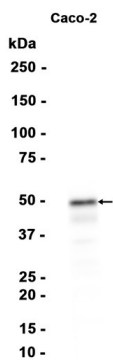
Background

The protein encoded by this gene 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. Mutations in this gene are associated with HMG-CoA synthase deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009]

Research Area

Image Data



Western blot analysis of extracts from Caco-2 cells using HMGCS2 Rabbit Monoclonal Antibody at 1:1000.