



HMGCS2 mouse mAb

Catalog No	YP-mAb-17942
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HMGCS2
Immunogen	Synthesized peptide derived from human HMGCS2
Specificity	This antibody detects endogenous levels of HMGCS2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HMGCS2;Hydroxymethylglutaryl-CoA synthase;mitochondrial (HMG-CoA synthase) (EC 2.3.3.10) (3-hydroxy-3-methylglutaryl coenzyme A synthase); mitochondrial (HMG-CoA synthase) (EC 2.3.3.10) (3-hydroxy-3-methylglutaryl coenzyme A synthase)
Observed Band	50kDa
Calculated Molecular Weight	57kDa
Cell Pathway	Mitochondrion .
Tissue Specificity	Expression in liver is 200-fold higher than in any other tissue. Low expression in colon, kidney, testis, and pancreas. Very low expression in heart and skeletal muscle (PubMed:7893153, PubMed:21952825, PubMed:16940161). Not detected in brain (PubMed:21952825). ; [Isoform 3]: Highest expression detected in heart and skeletal muscle.
Function	Catalyzes the first irreversible step in ketogenesis, condensing acetyl-CoA to acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate.
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images