



HMCS1 Polyclonal Antibody

Catalog No	YP-Ab-05674
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	HMGCS1 HMGCS
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	HMCS1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.3.3.10;HMG CoA synthase;HMG-CoA synthase;HMGCS; Hydroxymethylglutaryl-CoA synthase;cytoplasmic;HMCS1;HMGCS1 HMGCS; cytoplasmic (HMG-CoA synthase) (EC 2.3.3.10) (3-hydroxy-3-methylglutaryl coenzyme A synthase)
Observed Band	57 kDa
Calculated Molecular Weight	520 aa, 57 kDa
Cell Pathway	Cytoplasm .
Tissue Specificity	Brain,Epithelium,Fetal adrenal gland,Fibroblast,Liver,Lung,
Function	catalytic activity:Acetyl-CoA + H(2)O + acetoacetyl-CoA = (S)-3-hydroxy-3-methylglutaryl-CoA + CoA.,function:This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.,pathway:Metabolic intermediate biosynthesis; mevalonic acid biosynthesis; (R)-mevalonic acid from acetyl-CoA: step 2/3.,similarity:Belongs to the HMG-CoA synthase family.,
Background	catalytic activity:Acetyl-CoA + H(2)O + acetoacetyl-CoA = (S)-3-hydroxy-3-methylglutaryl-CoA + CoA.,function:This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA



reductase.,pathway:Metabolic intermediate biosynthesis; mevalonic acid biosynthesis; (R)-mevalonic acid from acetyl-CoA: step 2/3.,similarity:Belongs to the HMG-CoA synthase family.,

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