

HMCS1 rabbit pAb

Cat No.:ES9747

For research use only

Overview

Product Name	HMCS1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
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, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Hydroxymethylglutaryl-CoA synthase, cytoplasmic (HMG-CoA synthase) (EC 2.3.3.10) (3-hydroxy-3-methylglutaryl coenzyme A synthase)
Gene Name	HMGCS1 HMGCS
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	57kD
Human Gene ID	3157
Human Swiss-Prot Number	Q01581
Alternative Names	
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





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



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