



HMCS1 Polyclonal Antibody

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|--------------------|---|
| Catalog No | BYab-05674 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse |
| Applications | WB;ELISA |
| Gene Name | HMGCS1 HMGCS |
| Protein Name | Hydroxymethylglutaryl-CoA synthase, cytoplasmic (HMG-CoA synthase) (EC 2.3.3.10) (3-hydroxy-3-methylglutaryl coenzyme A synthase) |
| 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 | |
| Observed Band | 57kD |
| 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 |

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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

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