

## HMCS1 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP10074
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Hydroxymethylglutaryl-CoA synthase, cytoplasmic
Synonyms	Hydroxymethylglutaryl-CoA synthase, cytoplasmic ;HMG-CoA synthase;EC 2.3.3.10;3-hydroxy-3-methylglutaryl coenzyme A synthase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Catalytic activity:  $\text{Acetyl-CoA} + \text{H}_2\text{O} + \text{acetoacetyl-CoA} = (\text{S})\text{-3-hydroxy-3-methylglutaryl-CoA} + \text{CoA}$ ., 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. Belongs to the HMG-CoA synthase family. ,

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)