

## HMCS1 Polyclonal Antibody

### Description

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

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