

## Product datasheet for **TA360470**

### MCCC1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MCCC1
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	80 kDa
Gene Name:	methylcrotonoyl-CoA carboxylase 1
Database Link:	<a href="#">NP_001280202.1</a> <a href="#">Entrez Gene 56922 Human</a> <a href="#">Q96RQ3</a>
Background:	This gene encodes the large subunit of 3-methylcrotonyl-CoA carboxylase. This enzyme functions as a heterodimer and catalyzes the carboxylation of 3-methylcrotonyl-CoA to form 3-methylglutaconyl-CoA. Mutations in this gene are associated with 3-Methylcrotonylglycinuria, an autosomal recessive disorder of leucine catabolism.
Synonyms:	DKFZp686B20267; FLJ25545; MCC-B; MCCA
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Valine, leucine and isoleucine degradation

### Product images:



Host: Rabbit  
Target Name: MCCC1  
Sample Type: HCT 15 Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: MCCC1  
Sample Tissue: Human HCT 15 Whole Cell  
Antibody Dilution: 1.0 $\mu$ g/ml