

Product datasheet for **TA358963**

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 N-terminal region of human MCCC1
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 79%; Zebrafish: 93%
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:	63kDa
Gene Name:	methylcrotonoyl-CoA carboxylase 1
Database Link:	NP_001280202.1 Entrez Gene 56922 Human Q68D27



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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

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

Product images:



Host: Rabbit
Target Name: DKFZp686B20267
Sample Type: Jurkat Whole Cell lysates
Antibody Dilution: 1.0ug/ml