

# **Product datasheet for TA362113**

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OriGene Technologies, Inc.

## **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: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose

Note that this product is shipped as lyophilized powder to China customers.

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:** 79 kDa

**Gene Name:** methylcrotonoyl-CoA carboxylase 1

Database Link: <u>NP 001280202.1</u>

Entrez Gene 56922 Human

Q96RQ3

**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

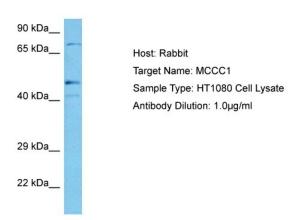
**Protein Families:** Druggable Genome





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

# **Product images:**



Host: Rabbit

Target Name: MCCC1

Sample Tissue: Human HT1080 Whole Cell lysates

Antibody Dilution: 1ug/ml