

## Anti-MCCC1 antibody

<b>Cat. No.</b>	ml125488
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-MCCC1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human MCCC1
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.78 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	MCCC1
<b>Full name</b>	methylcrotonoyl-CoA carboxylase 1
<b>Synonyms</b>	MCCA; MCC-B
<b>Swissprot</b>	Q96RQ3

### Target 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.

订购热线: 4008-898-798

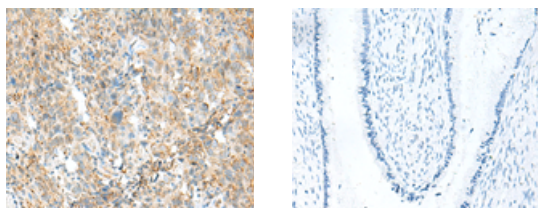
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 40-200



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml125488(MCCC1 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 80 kDa

Positive control: 293T, HepG2, A172 cell, Mouse heart tissue, Jurkat cell lysates

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

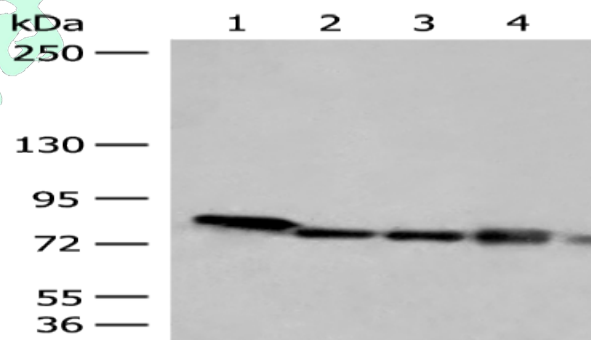
Lysate: 40  $\mu$ g

Lane 1-5: 293T, HepG2, A172 cell, Mouse heart tissue, Jurkat cell lysates

Primary antibody: ml125488(MCCC1 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



### ELISA

Recommended dilution: 5000-10000

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