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# anti-MCCC1 antibody (AA 1-200)





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Overview	/

Quantity:	100 μg
Target:	MCCC1
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCCC1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## **Product Details**

Immunogen:	Recombinant Human Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial protein (1-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### **Target Details**

Target:	MCCC1
Alternative Name:	MCCC1 (MCCC1 Products)
Background:	Background: Biotin-attachment subunit of the 3-methylcrotonyl-CoA carboxylase, an enzyme

#### **Target Details**

that catalyzes the conversion of 3-methylcrotonyl-CoA to 3-methylglutaconyl-CoA, a critical step for leucine and isovaleric acid catabolism.

Aliases: MCCC1 antibody, MCCAMethylcrotonoyl-CoA carboxylase subunit alpha antibody, mitochondrial antibody, MCCase subunit alpha antibody, EC 6.4.1.4 antibody, 3-methylcrotonyl-CoA carboxylase 1 antibody, 3-methylcrotonyl-CoA carboxylase biotin-containing subunit antibody, 3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha antibody

UniProt:

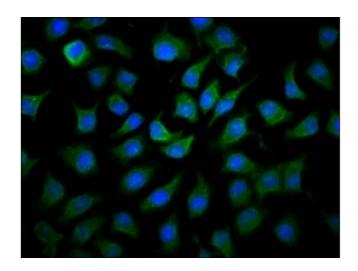
Q96RQ3

#### **Application Details**

Application Notes:	Recommended dilution: IF:1:50-1:200,
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### **Immunofluorescence**

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7159627 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).