

Rabbit MCCC2 Polyclonal Antibody | anti-MCCC2 antibody

MCCC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328682	Rabbit	Human, Mouse, Rat	Western Blot

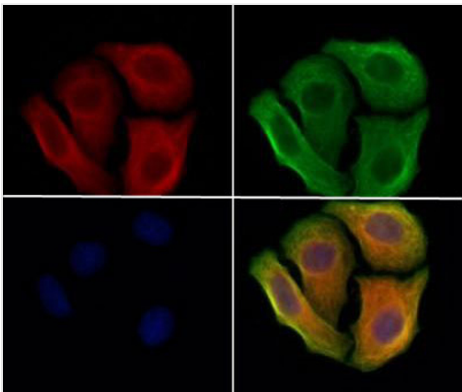
PRODUCT SYNONYMS

MCCC2; Polyclonal Antibody; MCCC2 Antibody; 3 methylcrotonyl CoA carboxylase 2; 3 methylcrotonyl CoA carboxylase non biotin containing subunit; 3 methylcrotonyl CoA:carbon dioxide ligase subunit beta; 3-methylcrotonyl-CoA carboxylase 2; 3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit; 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta; Biotin carboxylase; MCCase subunit beta; MCCB; MCCB_HUMAN; MCCC 2; Mccc2; Methylcrotonoyl CoA carboxylase 2 (beta); Methylcrotonoyl CoA carboxylase beta chain mitochondrial; Methylcrotonoyl Coenzyme A carboxylase 2 (beta); Methylcrotonoyl-CoA carboxylase beta chain; mitochondrial; Non biotin containing subunit of 3 methylcrotonyl CoA carboxylase; anti-MCCC2 antibody

PRODUCT SPECIFICATIONS

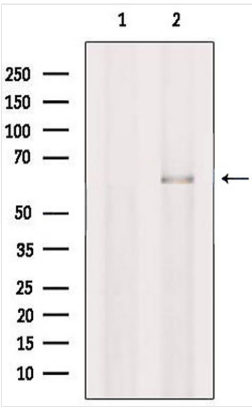
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MCCC2 Antibody detects endogenous levels of MCCC2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	563
Applicable Applications for anti-MCCC2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human MCCC2.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



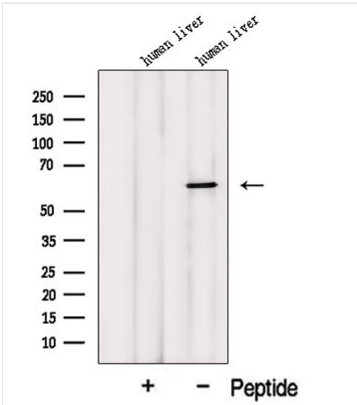
IF (Immunofluorescence)

AAA328682 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328682 1:200) and mouse anti-tubulin Ab (1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using MCCC2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from Human liver tissue, using MCCC2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MCCC2 antibody	Description: Carboxyltransferase subunit of the 3-methylcrotonyl-CoA carboxylase, an enzyme that catalyzes the conversion of 3-methylcrotonyl-CoA to 3-methylglutaconyl-CoA, a critical step for leucine and isovaleric acid catabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11545863
NCBI GeneID	64087
NCBI Accession #	NP_071415.1
NCBI GenBank Nucleotide #	NP_071415.1
UniProt Accession #	Q9HCC0
Molecular Weight	Observed: 61 kDa Predicted: 62 kDa
NCBI Official Full Name	methylcrotonoyl-CoA carboxylase beta chain, mitochondrial isoform 1
NCBI Official Synonym Full Names	methylcrotonoyl-CoA carboxylase 2

NCBI Official Symbol	MCCC2
NCBI Official Synonym Symbols	MCCB
NCBI Protein Information	methylcrotonoyl-CoA carboxylase beta chain, mitochondrial
UniProt Protein Name	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial
UniProt Gene Name	MCCC2
UniProt Synonym Gene Names	MCCB; MCCase subunit beta
UniProt Entry Name	MCCB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mccc2-antibody-western-blot-elisa/328682>