

Rabbit anti-Human, rat MCCC2 Polyclonal Antibody | anti-MCCC2 antibody

MCCC2 Antibody (Center)

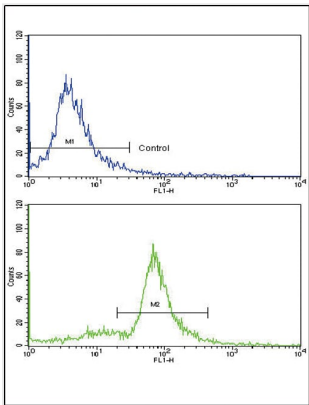
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289947	Rabbit	Human, rat	Western Blot, Immunohistochemistry, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

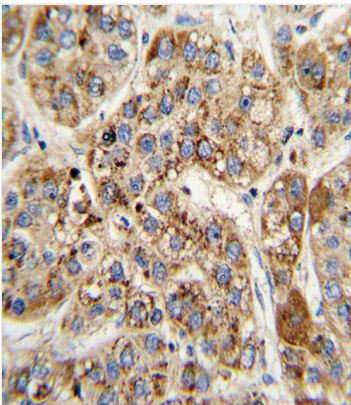
MCCC2; Polyclonal Antibody; MCCC2 Antibody (Center); Methylcrotonoyl-CoA carboxylase beta chain; mitochondrial; MCCase subunit beta; 3-methylcrotonyl-CoA carboxylase 2; 3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit; 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta; MCCB; anti-MCCC2 antibody

PRODUCT SPECIFICATIONS

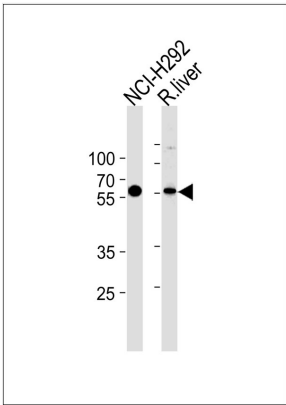
Host	Rabbit
Reactivity	Human, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MCCC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-189 amino acids from the Central region of human MCCC2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	163-189
Sequence Length	525
Applicable Applications for anti-MCCC2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of ATDC5 cells using MCCC2 Antibody (Center) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with MCCC2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
MCCC2 Antibody (Center) western blot analysis in NCI-H292 cell line and rat liver tissue lysates (35ug/lane). This demonstrates the MCCC2 antibody detected the MCCC2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MCCC2 antibody	MCCC2 is the small 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.
Product Categories/Family for anti-MCCC2 antibody	Crown Antibodies ; Metabolism ; Signal Transduction
References	Uematsu,M., et.al., J. Hum. Genet. 52 (12), 1040-1043 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11545863
NCBI GeneID	64087
NCBI Accession #	NP_071415.1
NCBI GenBank Nucleotide #	NM_022132.4
UniProt Accession #	Q9HCC0; Q96C27; Q9Y4L7; A6NIY9
Molecular Weight	61333

NCBI Official Full Name	methylocrotonoyl-CoA carboxylase beta chain, mitochondrial
NCBI Official Synonym Full Names	methylocrotonoyl-CoA carboxylase 2 (beta)
NCBI Official Symbol	MCCC2
NCBI Official Synonym Symbols	MCCB
NCBI Protein Information	methylocrotonoyl-CoA carboxylase beta chain, mitochondrial
UniProt Protein Name	Methylocrotonoyl-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-immunohistochemistry-flow-cytometry-elisa/289947>