# Rabbit anti-Human, Mouse MCCC1 Polyclonal Antibody | anti-MCCC1 antibody

MCCC1 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA310568** | **Rabbit** | **Human, Mouse** | **Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

MCCC1; Polyclonal Antibody; MCCC1 Antibody; MCCA; MCC-B; anti-MCCC1 antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | The antibody detects endogenous levels of total MCCC1 protein. |
| **Purity/Purification** | Antigen affinity purification |
| **Form/Format** | pH 7.4 PBS, 0.05% NaN3, 40% Glycerol |
| **Concentration** | 0.8 mg/mL (varies by lot) |
| **Sequence Length** | 608 |
| **Applicable Applications for anti-MCCC1 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | Fusion protein of human MCCC1 |
| **Immunogen Type** | Peptide |
| **Preparation and Storage** | Store at -20 degree C. |

## IMAGES

**IHC (Immunohiostchemistry)**
The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 47317(MCCC1 Antibody) at dilution 1/45.(Original magnification: 200

**SDS-PAGE**
Gel: 6%SDS-PAGE, Lysate: 40 μg, Lane 1-5: 293T, HepG2, A172 cell, Mouse heart tissue, Jurkat cell lysates, Primary antibody:47317(MCCC1 Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-MCCC1 antibody** | 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. |
| **Product Categories/Family for anti-MCCC1 antibody** | Total protein Ab |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 647569552 |
| **NCBI GeneID** | 56922 |
| **NCBI Accession #** | NP_001280202.1 |
| **NCBI GenBank Nucleotide #** | NM_001293273.1 |
| **UniProt Accession #** | Q96RQ3; Q59ES4; Q9H959; Q9NS97 |
| **Molecular Weight** | 80 kDa |
| **NCBI Official Full Name** | methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial isoform 2 |
| **NCBI Official Synonym Full Names** | methylcrotonoyl-CoA carboxylase 1 |
| **NCBI Official Symbol** | MCCC1 |
| **NCBI Official Synonym Symbols** | MCCA; MCC-B |
| **NCBI Protein Information** | methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial |
| **UniProt Protein Name** | Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial |
| **UniProt Gene Name** | **MCCC1** |
| **UniProt Synonym Gene Names** | MCCA; MCCase subunit alpha |

**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/mccc1-antibody-immunohistochemistry-western-blot-elisa/310568