

MCCC2 Rabbit pAb

Catalog No.: A15181

Basic Information

Observed MW

61kDa

Calculated MW

57kDa/61kDa

Category

Primary antibody

Applications

WB,IHC,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes 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. Mutations in this gene are associated with 3-Methylcrotonylglycinuria, an autosomal recessive disorder of leucine catabolism.

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:100
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID	Swiss Prot
64087	Q9HCC0

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 284-563 of human MCCC2 (NP_071415.1).

Synonyms

MCCC2;MCCB

Contact

 | www.abclonal.com

Product Information

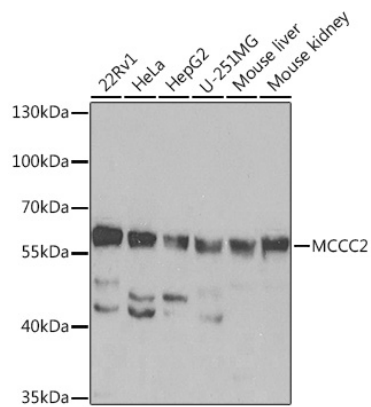
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using MCCC2 Rabbit pAb (A15181) at 1:1000 dilution.

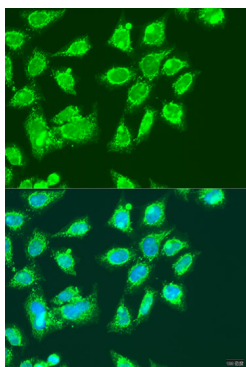
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using MCCC2 antibody (A15181) at dilution of 1:100. Blue: DAPI for nuclear staining.