

MCCB rabbit pAb

Cat No.: ES15012

For research use only

Overview

Product Name MCCB rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human; Mouse;Rat Recommended dilutions WB 1:500-2000

Immunogen Synthesized peptide derived from human MCCB AA

range: 204-254

Specificity This antibody detects endogenous levels of MCCB at

Human/Mouse/Rat

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name MCCB

Gene Name MCCC2 MCCB

Cellular localization Mitochondrion matrix.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 60kD
Human Gene ID 64087
Human Swiss-Prot Number Q9HCC0

Alternative Names Methylcrotonoyl-CoA carboxylase beta chain,

mitochondrial (MCCase subunit beta) (EC 6.4.1.4)

(3-methylcrotonyl-CoA carboxylase 2) (3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit)

(3-methylcrotonyl-CoA:carbon dioxide ligase subunit

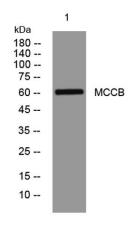
beta)

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. [provided by RefSeq, Jul 2008],

Western blot analysis of lysates from 3T3 cells, primary antibody was diluted at 1:1000, 4° over night



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