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Datasheet for ABIN6944040
anti-MCCC2 antibody (AA 351-450) (HRP)

Overview

Quantity:	100 µL
Target:	MCCC2
Binding Specificity:	AA 351-450
Reactivity:	Human, Mouse, Xenopus tropicalis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCCC2 antibody is conjugated to HRP
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MCCC2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Xenopus tropicalis
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MCCC2
Alternative Name:	MCCC2 (MCCC2 Products)
Background:	Synonyms: 3 methylcrotonyl CoA carboxylase 2, 3 methylcrotonyl CoA carboxylase non biotin

Target Details

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.

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.

Gene ID: 64087

UniProt: [Q9HCC0](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months