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Datasheet for ABIN390911 anti-MCCC2 antibody (AA 163-189)

3 Images



Overview

Quantity:	400 µL
Target:	MCCC2
Binding Specificity:	AA 163-189
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow
	Cytometry (FACS)

Product Details

Immunogen:	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.
Clone:	RB21307
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MCCC2
Alternative Name:	MCCC2 (MCCC2 Products)
Background:	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-

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Target Detai	ls
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	methylglutaconyl-CoA.
Molecular Weight:	61333
Gene ID:	64087
NCBI Accession:	NP_071415
UniProt:	Q9HCC0
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.

Western Blotting

Image 2. MCCC2 Antibody (Center) (ABIN390911 and ABIN2841115) western blot analysis in NCI- cell line and rat liver tissue lysates (35 µg/lane).This demonstrates the MCCC2 antibody detected the MCCC2 protein (arrow).

Flow Cytometry

Image 3. 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.

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