

DCMC rabbit pAb

Cat No.:ES16992

For research use only

Overview

Product Name	DCMC 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 DCMC AA range: 243-293
Specificity	This antibody detects endogenous levels of DCMC 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	DCMC
Gene Name	MLYCD
Cellular localization	Cytoplasm . Mitochondrion matrix . Peroxisome . Peroxisome matrix . Enzymatically active in all three subcellular compartments. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	23417
Human Swiss-Prot Number	O95822
Alternative Names	
Background	The product of this gene catalyzes the breakdown of malonyl-CoA to acetyl-CoA and carbon dioxide. Malonyl-CoA is an intermediate in fatty acid biosynthesis, and also inhibits the transport of fatty acyl CoAs into mitochondria. Consequently, the encoded protein acts to increase the rate of fatty acid oxidation. It is found in mitochondria,

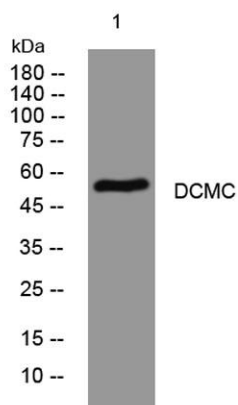




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peroxisomes, and the cytoplasm. Mutations in this gene result in malonyl-CoA decarboxylase deficiency. [provided by RefSeq, Jul 2008],

Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4° over night



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