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## Datasheet for ABIN1886707 **anti-MLYCD antibody (AA 90-274)**

### Overview

Quantity:	100 µL
Target:	MLYCD
Binding Specificity:	AA 90-274
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLYCD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 90 and 274 of MCD
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	MLYCD
Alternative Name:	Malonyl CoA Decarboxylase ( <a href="#">MLYCD Products</a> )
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, peroxisomes, and the

## Target Details

	cytoplasm. Mutations in this gene result in malonyl-CoA decarboxylase deficiency. [provided by RefSeq]
Molecular Weight:	55 kDa
Gene ID:	23417
NCBI Accession:	<a href="#">NM_012213</a> , <a href="#">NP_036345</a>
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Application Notes:	Suggested dilutions: Western blotting: 1.500-1.3000 Immunohistochemistry: 1.100-1.500 Immunofluorescence: 1.100-1.200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.