DNAxPAb | Hard-to-Find Antibody

MLYCD DNAxPab

Catalog # H00023417-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MLYCD DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRGFGPGLTARRLLPLRLPPRPPGPRLASGQAAGALERAMDELLRRAVPPTPAYELREKTPAPA EGQCADFVSFYGGLAETAQRAELLGRLARGFGVDHGQVAEQSAGVLHLRQQQREAAVLLQAED RLRYALVPRYRGLFHHISKLDGGVRFLVQLRADLLEAQALKLVEGPDVREMNGVLKGMLSEWFS SGFLNLERVTWHSPCEVLQKISEAEAVHPVKNWMDMKRRVGPYRRCYFFSHCSTPGEPLVVLH VALTGDISSNIQAIVKEHPPSETEEKNKITAAIFYSISLTQQGLQGVELGTFLIKRVVKELQREFPHLG VFSSLSPIPGFTKWLLGLLNSQTKEHGRNELFTDSECKEISEITGGPINETLKLLLSSSEWVQSEKL VRALQTPLMRLCAWYLYGEKHRGYALNPVANFHLQNGAVLWRINWMADVSLRGITGSCGLMANY RYFLEETGPNSTSYLGSKIIKASEQVLSLVAQFQKNSKL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MLYCD

Entrez GeneID	23417
GeneBank Accession#	NM_012213.2
Protein Accession#	NP_036345.2
Gene Name	MLYCD
Gene Alias	MCD, MGC59795
Gene Description	malonyl-CoA decarboxylase
Omim ID	248360 606761
Gene Ontology	Hyperlink
Gene Summary	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 cytoplasm. Mutations in this gene result in malonyl-CoA decarboxylase deficiency. [provided by RefSeq
Other Designations	malonyl coenzyme A decarboxylase

Pathway

- beta-Alanine metabolism
- Metabolic pathways
- Propanoate metabolism

Disease

- Alzheimer disease
- Cardiovascular Diseases

- Diabetes Complications
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis