Anti-MLYCD Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P105542

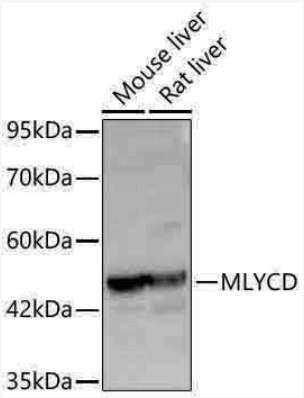
Product Information

Application	WB, ELISA
Reactivity	Mouse, Rat
Dilution	WB 1:500~1:1000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 40-190 of human MLYCD(NP_036345.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MLYCD Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MCD; MLYCD.
Calculated MW	Calculated MW: 55 kDa; Observed MW: 52 kDa
Uniprot ID	O95822
Gene ID	23417
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 cytoplasm. Mutations in this gene result in malonyl-CoA decarboyxlase deficiency.

Validation Images



Western blot analysis of various lysates using MLYCD Rabbit pAb (P105542) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.