

Product datasheet

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ARG58957 anti-Methylmalonyl-CoA mutase antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Methylmalonyl-CoA mutase

Tested Reactivity Hu, Ms, Rat
Tested Application ICC/IF, WB
Host Rabbit
Clonality Polyclonal

Isotype IgG

Target Name Methylmalonyl-CoA mutase

Species Humar

Immunogen Recombinant fusion protein corresponding to aa. 451-750 of Human Methylmalonyl-CoA mutase

(NP_000246.2).

Conjugation Un-conjugated

Alternate Names Methylmalonyl-CoA isomerase; MCM; EC 5.4.99.2; Methylmalonyl-CoA mutase, mitochondrial

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse pancreas	
Observed Size	83 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol MUT

Gene Full Name methylmalonyl CoA mutase

Background This gene encodes the mitochondrial enzyme methylmalonyl Coenzyme A mutase. In humans, the

product of this gene is a vitamin B12-dependent enzyme which catalyzes the isomerization of methylmalonyl-CoA to succinyl-CoA, while in other species this enzyme may have different functions. Mutations in this gene may lead to various types of methylmalonic aciduria. [provided by RefSeq, Jul

2008]

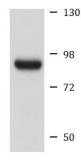
Function Involved in the degradation of several amino acids, odd-chain fatty acids and cholesterol via propionyl-

CoA to the tricarboxylic acid cycle. MCM has different functions in other species. [UniProt]

Calculated Mw 83 kDa

Cellular Localization Mitochondrion matrix. [UniProt]

Images



Mouse pancreas

ARG58957 anti-Methylmalonyl-CoA mutase antibody WB image

Western blot: 25 μg of Mouse pancreas lysate stained with ARG58957 anti-Methylmalonyl-CoA mutase antibody at 1:1000 dilution.