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Methylmalonyl Coenzyme A mutase Rabbit mAb

Catalog # AP75715

Product Information

Application	WB, IHC-P
Primary Accession	P22033
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	83134

Additional Information

Gene ID	4594
Other Names	MMUT
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

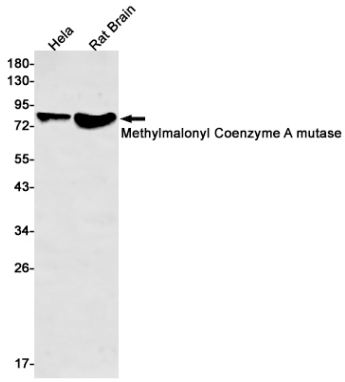
Protein Information

Name	MMUT (HGNC:7526)
Function	Catalyzes the reversible isomerization of methylmalonyl-CoA (MMCoA) (generated from branched-chain amino acid metabolism and degradation of dietary odd chain fatty acids and cholesterol) to succinyl-CoA (3-carboxypropionyl-CoA), a key intermediate of the tricarboxylic acid cycle.
Cellular Location	Mitochondrion matrix. Mitochondrion. Cytoplasm

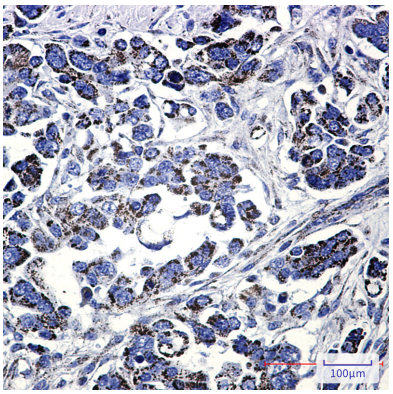
Background

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.

Images



Western blot analysis of Methylmalonyl Coenzyme A mutase in Hela, rat Brain lysates using Methylmalonyl Coenzyme A mutase antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Methylmalonyl Coenzyme A mutase antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.