

Mut Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13898

Product Information

Application	WB
Primary Accession	P16332
Other Accession	NM_008650 , NP_032676
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82844

Additional Information

Gene ID	17850
Alias Symbol	D230010K02Rik, Mcm
Other Names	Methylmalonyl-CoA mutase, mitochondrial, MCM, 5.4.99.2, Methylmalonyl-CoA isomerase, Mut
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Mut antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Mut Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

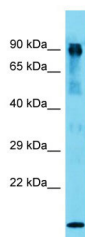
Protein Information

Name	Mmut
Synonyms	Mut {ECO:0000312 MGI:MGI:97239}
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 {ECO:0000250 UniProtKB:P22033}. Mitochondrion {ECO:0000250 UniProtKB:P22033}. Cytoplasm {ECO:0000250 UniProtKB:P22033}

References

Wilkemeyer M.F.,et al.Biochem. J. 271:449-455(1990).
Carninci P.,et al.Science 309:1559-1563(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Park J.,et al.Mol. Cell 50:919-930(2013).
Rardin M.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 110:6601-6606(2013).

Images



Host: Rabbit
Target Name: Mut
Sample Tissue: Mouse Muscle lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.