

Mut Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13898**Specification**

Mut Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P16332
Other Accession	NM_008650 , NP_032676
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82kDa kDa

Mut Antibody - N-terminal region - 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.

Mut Antibody - N-terminal region - 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.

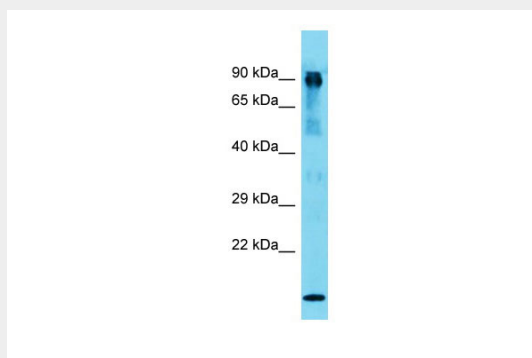
Cellular Location

Mitochondrion matrix {ECO:0000250|UniProtKB:P22033}. Mitochondrion {ECO:0000250|UniProtKB:P22033}. Cytoplasm {ECO:0000250|UniProtKB:P22033}

Mut Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mut Antibody - N-terminal region - Images

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

Mut Antibody - N-terminal region - 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).