

**MMUT Antibody**  
Rabbit mAb  
Catalog # AP92794

## Specification

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### MMUT Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">P22033</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
MCM; Methylmalonyl CoA isomerase; Mut;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	83134 Da

### MMUT Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MMUT
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### MMUT Antibody - 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

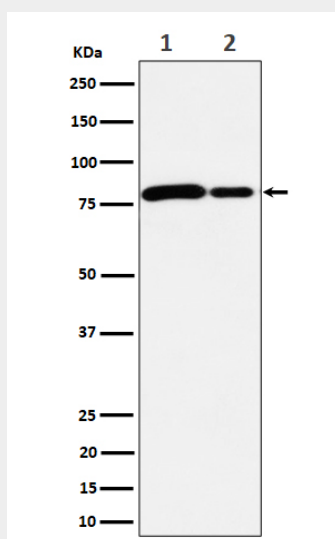
Mitochondrion matrix. Mitochondrion. Cytoplasm

### MMUT Antibody - 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](#)

#### MMUT Antibody - Images



Western blot analysis of MMUT expression in (1) HeLa cell lysate; (2) Mouse brain lysate.