

Anti-MMUT Rabbit Monoclonal Antibody
Catalog # ABO16211**Specification**

Anti-MMUT Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	P22033
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-MMUT Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-MMUT Rabbit Monoclonal Antibody - Additional Information

Gene ID 4594

Other Names

Methylmalonyl-CoA mutase, mitochondrial, MCM, 5.4.99.2, Methylmalonyl-CoA isomerase, MMUT (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=7526)
HGNC:7526

Calculated MW

78 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human MMUT

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-MMUT Rabbit Monoclonal 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

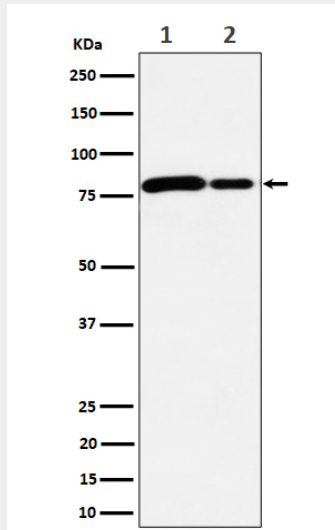
Mitochondrion matrix. Mitochondrion. Cytoplasm

Anti-MMUT Rabbit Monoclonal 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](#)

Anti-MMUT Rabbit Monoclonal Antibody - Images



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