

Anti-FTMT Rabbit Monoclonal Antibody
Catalog # ABO15173**Specification**

Anti-FTMT Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	Q8N4E7
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-FTMT Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-FTMT Rabbit Monoclonal Antibody - Additional Information

Gene ID 94033

Other Names

Ferritin, mitochondrial, 1.16.3.1, FTMT (HGNC:17345)

Application Details

WB 1:500-1:2000

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 FTMT

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-FTMT Rabbit Monoclonal Antibody - Protein Information

Name FTMT ([HGNC:17345](#))

Function

Catalyzes the oxidation of ferrous iron(II) to ferric iron(III) and stores iron in a soluble, non-toxic, readily available form (PubMed:11323407, PubMed:15201052). Important for iron homeostasis (PubMed:11323407, PubMed:15201052). Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation (PubMed:11323407, PubMed:15201052).

Cellular Location

Mitochondrion.

Tissue Location

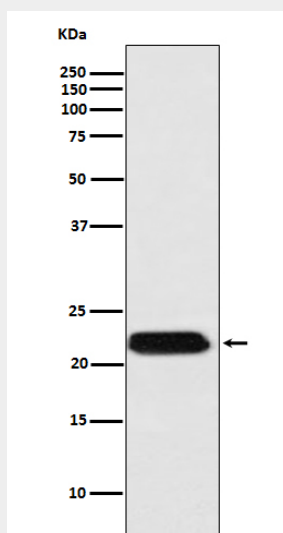
Detected in testis and erythroleukemia. Expression is very low or not detectable in brain, colon, heart, kidney, liver, lung, muscle, placental, spleen and small intestine

Anti-FTMT 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-FTMT Rabbit Monoclonal Antibody - Images



Western blot analysis of FTMT expression in HepG2 cell lysate.