

FTMT Antibody
Rabbit mAb
Catalog # AP91391**Specification****FTMT Antibody - Product Information**

Application	WB
Primary Accession	Q8N4E7
Clonality	Monoclonal
Other Names	
FerH; Ferritin; Ferritin H subunit; Ferritin, mitochondrial; Fth3; FTMT; mitochondrial; Mitochondrial ferritin; MTF;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	27538 Da

FTMT Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human FTMT
Description	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation.
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.

FTMT 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.

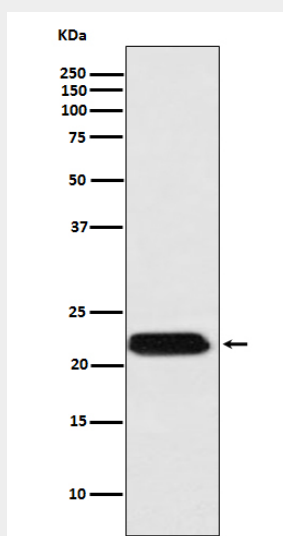
Tissue Location

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

FTMT 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](#)

FTMT Antibody - Images

Western blot analysis of FTMT expression in HepG2 cell lysate.