

# FTMT Antibody

Rabbit mAb

Catalog # AP91391

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8N4E7</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	FerH; Ferritin; Ferritin H subunit; Ferritin, mitochondrial; Fth3; FTMT; mitochondrial; Mitochondrial ferritin; MTF;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	27538

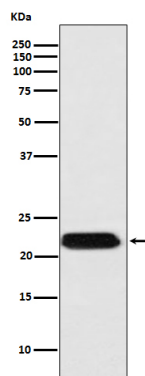
## Additional Information

<b>Dilution</b>	WB 1:500~1:2000
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human FTMT
<b>Description</b>	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.
<b>Storage Condition and Buffer</b>	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.

## Protein Information

<b>Name</b>	FTMT ( <a href="#">HGNC:17345</a> )
<b>Function</b>	Catalyzes the oxidation of ferrous iron(II) to ferric iron(III) and stores iron in a soluble, non-toxic, readily available form (PubMed: <a href="#">11323407</a> , PubMed: <a href="#">15201052</a> ). Important for iron homeostasis (PubMed: <a href="#">11323407</a> , PubMed: <a href="#">15201052</a> ). Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation (PubMed: <a href="#">11323407</a> , PubMed: <a href="#">15201052</a> ).
<b>Cellular Location</b>	Mitochondrion.
<b>Tissue Location</b>	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

## Images



Western blot analysis of FTMT expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.