

FTMT Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15312**Specification**

FTMT Antibody - middle region - Product Information

Application	WB
Primary Accession	Q8N4E7
Other Accession	NM_177478 , NP_803431
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

FTMT Antibody - middle region - Additional Information**Gene ID** 94033

Alias Symbol	MTF
Other Names	
Ferritin, mitochondrial, 1.16.3.1, FTMT	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FTMT antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FTMT Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

FTMT Antibody - middle region - 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).

href="http://www.uniprot.org/citations/11323407" target="_blank">11323407, PubMed:15201052).

Cellular Location

Mitochondrion.

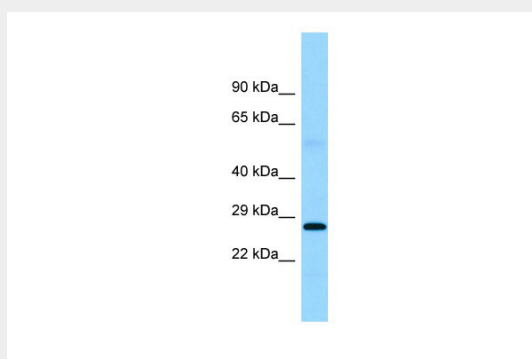
Tissue Location

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 - middle region - 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 - middle region - Images

WB Suggested Anti-FTMT Antibody Titration: 1.0 µg/ml
Positive Control: Placenta

FTMT Antibody - middle region - References

Levi S., et al. J. Biol. Chem. 276:24437-24440(2001).
Langlois d'Estaintot B., et al. J. Mol. Biol. 340:277-293(2004).