

Mitochondrial Ferritin Rabbit mAb

Catalog # AP77726

Product Information

| | |
|--------------------------|---|
| Application | WB |
| Primary Accession | Q8N4E7 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Isotype | IgG |
| Conjugate | Unconjugated |
| Immunogen | A synthesized peptide derived from human FTMT |
| Purification | Affinity Chromatography |
| Calculated MW | 27538 |

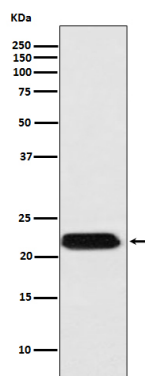
Additional Information

| | |
|--------------------|--|
| Gene ID | 94033 |
| Other Names | FTMT |
| Dilution | WB~~1/500-1/1000 |
| Format | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

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 |

Images



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