

FTMT Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI15312

Product Information

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| Application | WB |
| Primary Accession | Q8N4E7 |
| Other Accession | NM_177478 , NP_803431 |
| Reactivity | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine, Sheep |
| Predicted | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine, Sheep |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 27538 |

Additional Information

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| 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. |

Protein Information

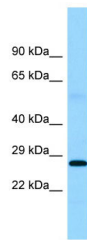
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| Name | FTMT (HGNC:17345) |
| Function | Catalyzes the oxidation of ferrous iron(II) to ferric iron(III) and stores iron in a soluble, non-toxic, readily available form (PubMed: 11323407 , PubMed: 15201052). Important for iron homeostasis (PubMed: 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

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).

Images



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

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