

Datasheet for ABIN2790357

**anti-Ferritin Mitochondrial antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	Ferritin Mitochondrial (FTMT)
Binding Specificity:	Middle Region
Reactivity:	Mouse, Rat, Human, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ferritin Mitochondrial antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human FTMT
Sequence:	AYYFSRDDVA LNNFSRYFLH QSREETEHAE KLMRLQNQRG GRIRLQDIKK
Predicted Reactivity:	Cow: 86%, Dog: 86%, Goat: 85%, Guinea Pig: 86%, Horse: 90%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 93%, Rat: 93%, Sheep: 85%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against FTMT. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Ferritin Mitochondrial (FTMT)
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## Target Details

Alternative Name:	FTMT ( <a href="#">FTMT Products</a> )
Background:	<p>FTMT stores iron in a soluble, non-toxic, readily available form. FTMT is important for iron homeostasis and has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation.</p> <p>Alias Symbols: MTF</p> <p>Protein Size: 242</p>
Molecular Weight:	27 kDa
Gene ID:	94033
NCBI Accession:	<a href="#">NM_177478</a> , <a href="#">NP_803431</a>
UniProt:	<a href="#">Q8N4E7</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 242 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-FTMT Antibody Titration: 1.0 ug/ml Positive Control: Placenta