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anti-Ferritin Mitochondrial antibody (Middle Region)



Image



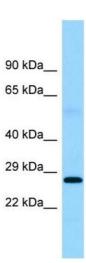
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Quantity:	100 μL
Target:	Ferritin Mitochondrial (FTMT)
Binding Specificity:	Middle Region
Reactivity:	Mouse, Rat, Human, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 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)

Target Details

Alternative Name:	FTMT (FTMT Products)	
Background:	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. Alias Symbols: MTF Protein Size: 242	
Molecular Weight:	27 kDa	
Gene ID:	94033	
NCBI Accession:	NM_177478, NP_803431	
UniProt:	Q8N4E7	
Pathways:	Transition Metal Ion Homeostasis	
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