

Rabbit MFN1 Polyclonal Antibody | anti-MFN1 antibody

MFN1 antibody - middle region

CATALOG # AAA200729	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot
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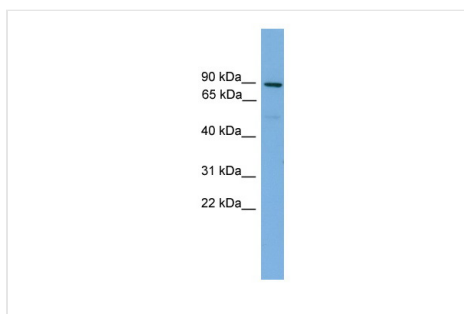
PRODUCT SYNONYMS

MFN1; Polyclonal Antibody; MFN1 antibody - middle region; anti-MFN1 antibody

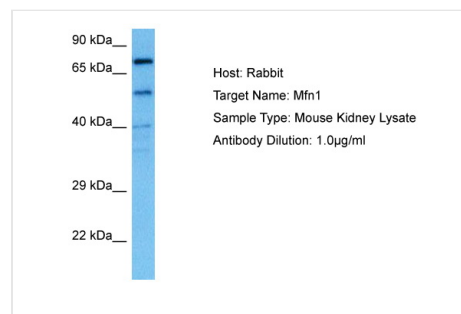
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: QV DITQKQLEEE IARLPKEIDQ LEKIQNNSKL LRNKAVQLEN ELENFTKQ
Sequence Length	741
Applicable Applications for anti-MFN1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MFN1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-MFN1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Placenta


WB (Western Blot)

Host: Mouse Target Name: MFN1 Sample Tissue: Mouse Kidney Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MFN1 antibody	This is a rabbit polyclonal antibody against MFN1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting.
Product Categories/Family for anti-MFN1 antibody	Polyclonal ; Cell Biology ; Developmental Biology ; Various ; E3 & Ubiquitin ; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	45269137
NCBI GeneID	55669
NCBI Accession #	NP_284941
NCBI GenBank Nucleotide #	NM_033540
UniProt Accession #	Q8R4Z9 ; Q8IWA4
Molecular Weight	84
NCBI Official Full Name	mitofusin-1
NCBI Official Synonym Full Names	mitofusin 1
NCBI Official Symbol	MFN1
NCBI Official Synonym Symbols	hfzo1; hfzo2
NCBI Protein Information	mitofusin-1
UniProt Protein Name	Mitofusin-1
UniProt Gene Name	Mfn1
UniProt Synonym Gene Names	Fzo1b
UniProt Entry Name	MFN1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.