

Rabbit Mitofusin 1 Polyclonal Antibody | anti-MFN1 antibody

Mitofusin 1 (MFN1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144871	Rabbit	Mouse, Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Mitofusin 1; Polyclonal Antibody; Mitofusin 1 (MFN1) Polyclonal Antibody; Hfzo1; Hfzo2; Transmembrane GTPase MFN1; Fzo homolog; anti-MFN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MFN1. It has been selected for its ability to recognize MFN1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	741
Applicable Applications for anti-MFN1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Mouse
Organism Species	Mouse
Fragment	MFN1 (Met1~Ile234)
Quality Control	Content: The quality control contains recombinant MFN1 (Met1~Ile234) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant MFN1, Mouse.



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Mouse Testis Tissue



WB (Western Blot)
Western Blot: Sample: Mouse Heart Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	244793488
NCBI GeneID	67414
NCBI Accession #	NP_077162.2
NCBI GenBank Nucleotide #	NM_024200.4
UniProt Accession #	Q811U4; Q3URC4; Q811D5; Q8CEY6; Q99M10; Q9D395
Molecular Weight	83,726 Da
NCBI Official Full Name	mitofusin-1
NCBI Official Synonym Full Names	mitofusin 1
NCBI Official Symbol	Mfn1
NCBI Official Synonym Symbols	HR2; mKIAA4032; D3Ertd265e; 2310002F04Rik; 6330416C07Rik
NCBI Protein Information	mitofusin-1
UniProt Protein Name	Mitofusin-1
UniProt Gene Name	Mfn1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mitofusin-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144871>