Rabbit anti-Human, Mouse MFN1 Polyclonal Antibody | anti-MFN1 antibody

MFN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230893	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

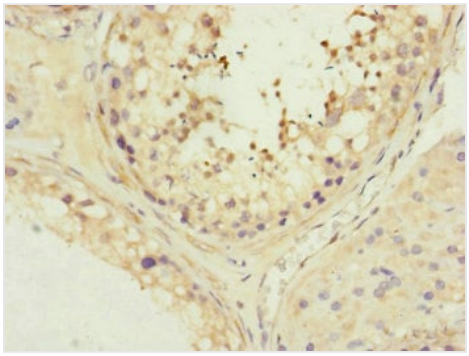
PRODUCT SYNONYMS

MFN1; Polyclonal Antibody; MFN1 Antibody; Mitofusin-1; Fzo homolog; Transmembrane GTPase MFN1; anti-MFN1 antibody

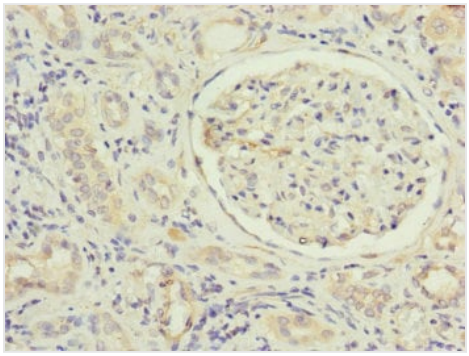
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	741
Applicable Applications for anti-MFN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Mitofusin-1 protein (C-120AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30363 / sc-50330
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

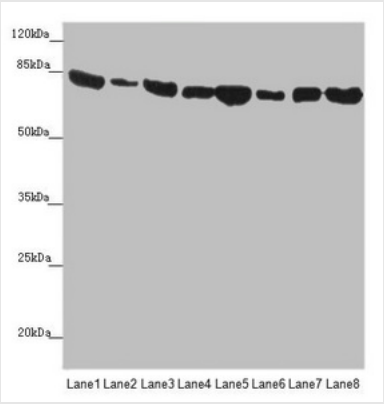
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human testis tissue using AAA230893 at dilution of 1:100



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA230893 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: MFN1 antibody at 3.78 ug/mlLane 1: Human placenta tissueLane 2: Mouse kidney tissueLane 3: NIH/3T3 whole cell lysateLane 4: A431 whole cell lysateLane 5: Jurkat whole cell lysateLane 6: Hela whole cell lysateLane 7: PC-3 whole cell lysateLane 8: K562 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 85,42,72 kDaObserved band size: 84 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MFN1 antibody	Essential transmembrane GTPase, which mediates mitochondrial fusion. Fusion of mitochondria occurs in many cell types and constitutes an important step in mitochondria morphology, which is balanced between fusion and fission. MFN1 acts independently of the cytoskeleton. Overexpression induces the formation of mitochondrial networks.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45269137
NCBI GeneID	55669
NCBI Accession #	NP_284941.2
NCBI GenBank Nucleotide #	NM_033540.2
UniProt Accession #	Q8IWA4; O15323; O60639; Q9BZB5; Q9NWQ2; B2RAR1; D3DNR6
Molecular Weight	71,401 Da
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 Entry Name	MFN1_HUMAN

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/mfn1-antibody-immunohistochemistry-western-blot-elisa/230893