

Rabbit Mitofusin 2 Monoclonal Antibody | anti-MFN2 antibody

Anti-Mitofusin 2 Rabbit Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46948	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunofluorescence

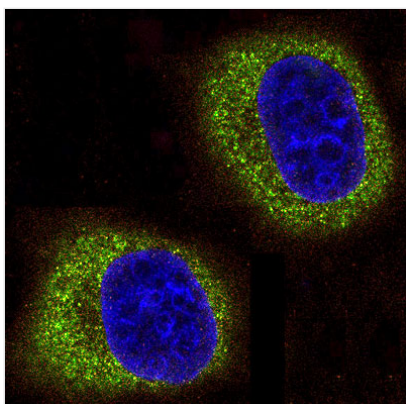
PRODUCT SYNONYMS

Mitofusin 2; Monoclonal Antibody; Anti-Mitofusin 2 Rabbit Monoclonal Antibody; Mitofusin-2; 3.6.5.-; Transmembrane GTPase MFN2; MFN2; CPRP1; KIAA0214; anti-MFN2 antibody

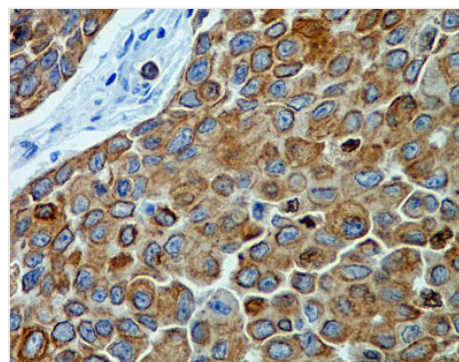
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	AOCA-13
Purity/Purification	Affinity-chromatography
Form/Format	Liquid; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/mL BSA.
Sequence Length	436
Applicable Applications for anti-MFN2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human Mitofusin 2
Subcellular Localization	Mitochondrion outer membrane; Multi- pass membrane protein. Colocalizes with BAX during apoptosis.
Tissue Specificity	Ubiquitous; expressed at low level. Highly expressed in heart and kidney.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

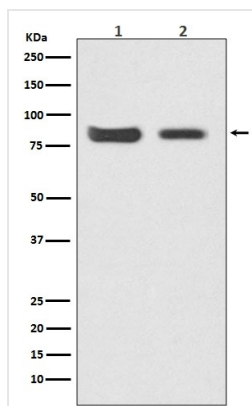
IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells, using Mitofusin 2 Antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using Mitofusin 2 Antibody.



WB (Western Blot)

Western blot analysis of Mitofusin 2 expression in (1) HeLa cell lysate; (2) Mouse kidney lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MFN2 antibody	Anti-Mitofusin 2 MFN2 Rabbit Monoclonal Antibody catalog MBS179335. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat.
Product Categories/Family for anti-MFN2 antibody	Tags & Cell Markers; Subcellular Markers; organelles; mitochondria; Cell Biology; Apoptosis; Mitochondrial; Signal Transduction; Metabolism; Neuroscience; Neurology Process; Neurodegenerative Disease; Metabolism; Pathways and Processes; Mitochondrial Meta

NCBI AND UNIPROT INFORMATION

NCBI GI #	189083768
NCBI GeneID	9927
NCBI Accession #	NP_001121132.1
NCBI GenBank Nucleotide #	NM_001127660.1
UniProt Accession #	O95140; O95572; Q5JXC3; Q5JXC4; Q9H131; Q9NSX8; A8K1B3
Molecular Weight	86402 MW
NCBI Official Full Name	mitofusin-2
NCBI Official Synonym Full Names	mitofusin 2
NCBI Official Symbol	MFN2
NCBI Official Synonym Symbols	HSG; MARF; CMT2A; CPRP1; CMT2A2; HMSN6A; CMT2A2A; CMT2A2B
NCBI Protein Information	mitofusin-2
UniProt Protein Name	Mitofusin-2
UniProt Gene Name	MFN2
UniProt Synonym Gene Names	CPRP1; KIAA0214

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/monoclonal/mitofusin-2-antibody-clone-aoca-13-western-blot-immunocytochemistry-immunohistochemistry-immunofluorescence-elisa/46948>