

Goat Mitofusin 1 Antibody | anti-MFN1 antibody

Goat anti-Mitofusin 1 Antibody

CATALOG # AAA61854	HOST Goat	REACTIVITY Human Expected from sequence similarity: Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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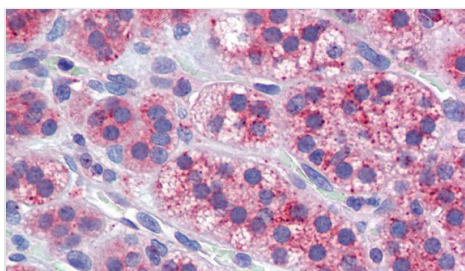
PRODUCT SYNONYMS

Mitofusin 1; Goat anti-Mitofusin 1 Antibody; MFN1; mitofusin 1; DKFZp762F247; FLJ20693; MGC41806; hfzo1; hfzo2; mitochondrial transmembrane GTPase FZO-2; mitochondrial transmembrane GTPase Fzo-1; putative transmembrane GTPase; anti-MFN1 antibody

PRODUCT SPECIFICATIONS

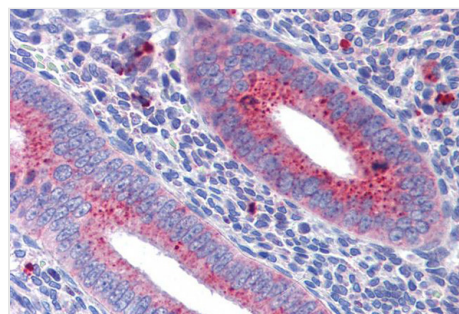
Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-MFN1 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-NKAVQLENELEN, from the internal region of the protein sequence according to NP_284941.2.
Epitope	internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

AAA61854 (3.75ug/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



IHC (Immunohistochemistry)

AAA61854 (3.75ug/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

ADDITIONAL INFORMATION

References	Brooks C, Wei Q, Feng L, Dong G, Tao Y, Mei L, Xie ZJ, Dong Z.; Bak regulates mitochondrial morphology and pathology during apoptosis by interacting with mitofusins.; Proc Natl Acad Sci U S A. 2007 Jul 10;104(28):11649-54. Epub 2007 Jul 2.; PMID: 17606912
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/goat-mfn1-human-mouse-rat-antibody/mitofusin-1/61854>