

Datasheet for ABIN462500
anti-MFN1 antibody (AA 745-756)

3 Images

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Overview

Quantity:	50 µg
Target:	MFN1
Binding Specificity:	AA 745-756
Reactivity:	Human, Rabbit, Dog, Horse, Monkey
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MFN1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide C-NKAVQLENELEN from an internal region of human MFN1 (NP_284941.2). Percent identity by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Elephant, Dog, Horse, Rabbit (100%), Gorilla, Mouse, Rat, Bovine (92%), Bat, Platypus (83%). Type of Immunogen: Synthetic peptide
Specificity:	Human MFN1.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Elephant, Dog, Horse, Rabbit (100%) Gorilla, Mouse, Rat, Bovine (92%) Bat, Platypus (83%).
Purification:	Immunoaffinity purified

Target Details

Target:	MFN1
Alternative Name:	MFN1 (MFN1 Products)
Background:	Name/Gene ID: MFN1 Synonyms: MFN1, Fzo homolog, Hfzo2, Mitofusin-1, Hfzo1, Mitofusin 1, Putative transmembrane GTPase, Transmembrane GTPase MFN1
Gene ID:	55669
NCBI Accession:	NP_284941
UniProt:	Q8IWA4

Application Details

Application Notes:	Approved: IHC, IHC-P (3.75 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 3.75 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

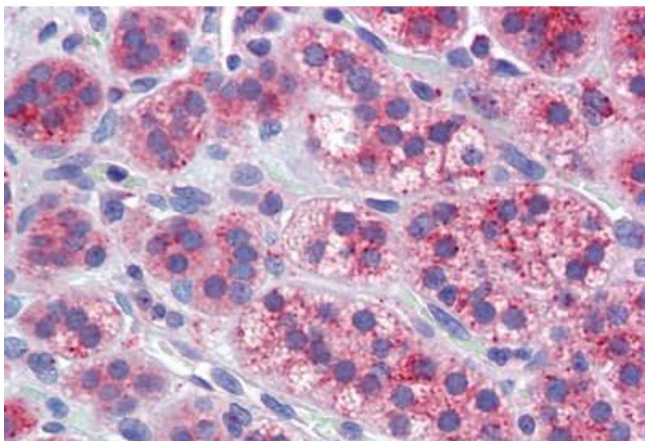
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris-buffered saline, pH 7.3, 0.5 % BSA, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

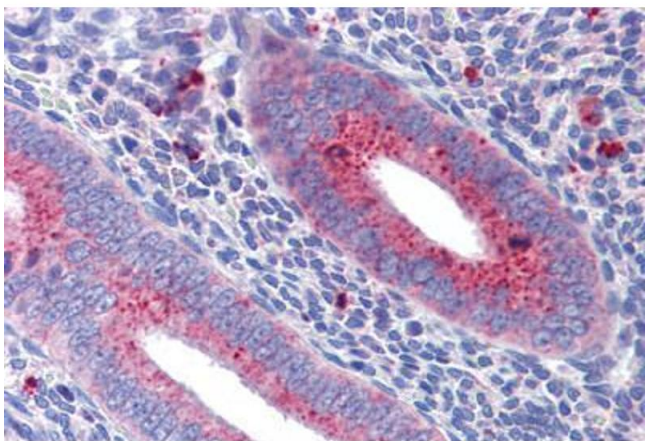
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze-thaw cycles.

Images



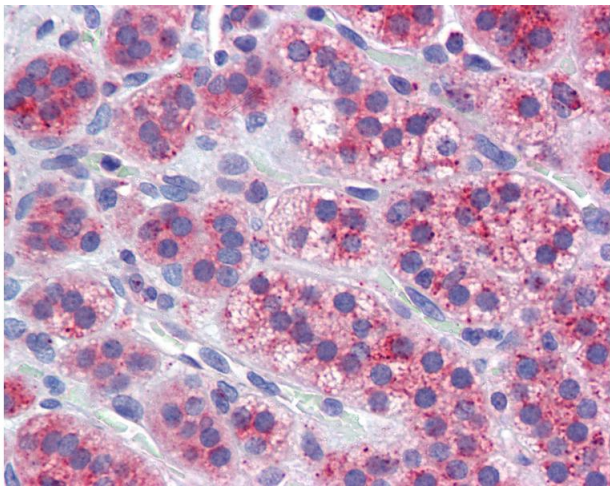
Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Adrenal, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 3. Anti-MFN1 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.