

Datasheet for ABIN670073

anti-MFN1 antibody (AA 651-741) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MFN1
Binding Specificity:	AA 651-741
Reactivity:	Mouse, Rat, Rabbit, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MFN1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Mfn 1
Isotype:	IgG
Cross-Reactivity:	Chicken, Mouse, Rabbit, Rat
Predicted Reactivity:	Human, Horse
Purification:	Purified by Protein A.

Target Details

Target:	MFN1
Alternative Name:	Mfn1 (MFN1 Products)
Background:	Synonyms: hfzo1, hfzo2, Mitofusin-1, Fzo homolog, Transmembrane GTPase MFN1, MFN1

Target Details

Background: 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.

Gene ID: 55669

UniProt: [Q8IWA4](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months