



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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Product Number	ARP57702_P050-FITC
Product Page	<a href="http://www.avivasysbio.com/mfn1-antibody-middle-region-fitc-arp57702-p050-fitc.html">www.avivasysbio.com/mfn1-antibody-middle-region-fitc-arp57702-p050-fitc.html</a>
Name	MFN1 Antibody - middle region : FITC (ARP57702_P050-FITC)
Protein Size (# AA)	741 amino acids
Molecular Weight	84
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	55669
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Mitofusin 1
Alias Symbols	hfzo1, hfzo2
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">QVDITQKQLFEEIARLPKEIDQLEKIQNNSKLLRNKAVQLENELENFTKQ</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting.
Protein Interactions	PARK2; MARCH5; UBC; TER94; MAVS; CCNB1; ILF2; BAK1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-MFN1 (ARP57702_P050-FITC) antibody</a>
Blocking Peptide	For anti-MFN1 (ARP57702_P050-FITC) antibody is <a href="#">Catalog # AAP57702</a> (Previous Catalog # AAPP42948)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MFN1
Uniprot ID	<a href="#">Q8R4Z9</a>
Protein Name	Mitofusin-1
Publications	Papanicolaou, K. N. et al. Mitofusin-2 maintains mitochondrial structure and contributes to stress-induced permeability transition in cardiac myocytes. <i>Mol. Cell. Biol.</i> 31, 1309-28 (2011). <b>WB, Rat, Bovine, Dog, Rabbit, Human, Mouse, Pig, Horse</b> <a href="#">21245373</a>  Bonala, S. et al. Ptd1 induces insulin resistance in both human and mouse skeletal muscle during obesity. <i>Mol. Endocrinol.</i> 27, 1518-35 (2013). <b>WB, Rat, Bovine, Dog, Rabbit, Human, Mouse, Pig, Horse</b> <a href="#">23927930</a>
Protein Accession #	<a href="#">NP_284941</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_033540</a>
Gene Symbol	<a href="#">MFN1</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 100%; Rat: 100%
<b>Image 1</b>	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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