

Mitofusin 2 Polyclonal Antibody

CATALOG #:	3882-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide corresponding to residues surrounding amino acid 736 of human Mitofusin 2 (Internal ID# BV-B25)
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

100 µg (0.5mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

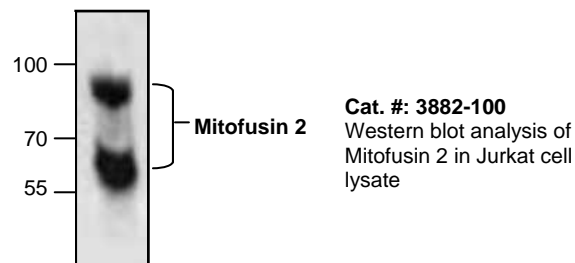
Mitofusin 2 (Mfn 2) is mostly expressed in the heart and muscle tissues. It is a transmembrane protein that mediates mitochondria fusion and plays a central role in the maintenance of mitochondrial morphology. A GTPase domain is required for the function of Mitofusin proteins. Mutations in Mfn2 can lead to Charcot-Marie-Tooth disease, a common inherited disorder of the peripheral nervous system. Mfn2 may also be associated with obesity and/or apoptosis.

SPECIFICITY:

The antibody recognizes 68 kDa and 86 kDa band from samples of human origins. Reactivity to other species has not been tested.

APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (3882BP-50) is available separately



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