

## Mitofusin 2 Antibody

Cat. No.:	HY-P80752
Synonyms:	Mitofusin 2 Antibody is a non-conjugated and Rabbit originated polyclonal antibody about 86 kDa, targeting to Mitofusin 2. It can be used for WB,IHC-P,ELISA assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human,Mouse,Rat
Conjugation:	Non-conjugated
SwissProt ID:	O95140
Research Field:	Tags & Cell Markers
Molecular Weight:	Predicted band size: 86 kDa

### PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	ELISA	1:10,000
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	Mitofusin 2: This gene encodes a mitochondrial membrane protein that participates in mitochondrial fusion and contributes to the maintenance and operation of the mitochondrial network. This protein is involved in the regulation of vascular smooth muscle cell proliferation, and it may play a role in the pathophysiology of obesity. Mutations in this gene cause Charcot-Marie-Tooth disease type 2A2, and hereditary motor and sensory neuropathy VI, which are both disorders of the peripheral nervous system. Defects in this gene have also been associated with early-onset stroke. Two transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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