

## Mitofusin 1 Antibody

Cat. No.:	HY-P80751
Synonyms:	Mitofusin 1 Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 84 kDa, targeting to Mitofusin 1. It can be used for WB,IP assays with tag free, in the background of Mouse, Rat, Hamster.
Host:	Rabbit
Reactivity:	Mouse,Rat,Hamster
Conjugation:	Non-conjugated
SwissProt ID:	Q8R4Z9
Research Field:	Neuroscience
Molecular Weight:	Predicted band size: 84 kDa

### PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% 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
	IP	1:20
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	Mitofusin 1: Enables identical protein binding activity. Involved in several processes, including cellular response to decreased oxygen levels; regulation of mitochondrion organization; and response to glucocorticoid. Located in mitochondrial inner membrane and mitochondrial outer membrane. Biomarker of several diseases, including adult respiratory distress syndrome; dental fluorosis; kidney failure (multiple); pulmonary hypertension; and status epilepticus. Orthologous to human MFN1 (mitofusin 1). [provided by Alliance of Genome Resources, Apr 2022]
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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