

MFN1 Polyclonal Antibody

Catalog No.	A9880	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	84kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	41kDa/71kDa/84kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 622-741 of human MFN1 (NP_284941.2).
Gene ID	55669
Swiss prot	Q8IWA4
Synonyms	MFN1; hfzo1; hfzo2; mitofusin-1

Product information

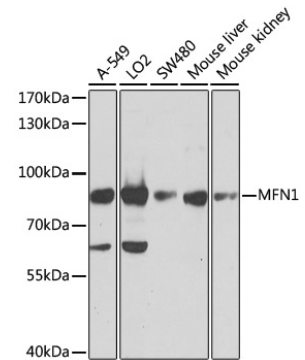
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF	1:50 - 1:200



Western blot analysis of extracts of various cell lines, using MFN1 antibody (A9880) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.