

Product Datasheet

Mitofusin 2 Antibody NBP2-17298

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-17298

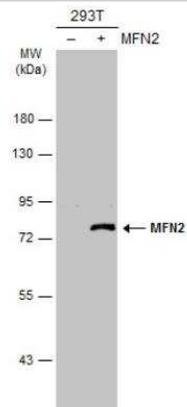
Mitofusin 2 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	86 kDa
Product Description	
Host	Rabbit
Gene ID	9927
Gene Symbol	MFN2
Species	Human, Mouse
Reactivity Notes	Xenopus laevis (82%), Zebrafish (83%).
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human Mitofusin 2. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

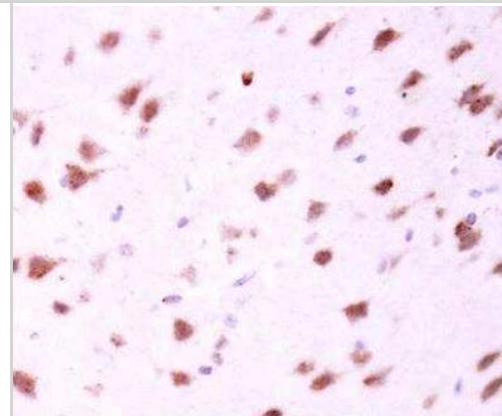


Images

Western Blot: Mitofusin 2 Antibody [NBP2-17298] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with MFN2 antibody [N1N2], N-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: Mitofusin 2 Antibody [NBP2-17298] - Paraffin-embedded mouse fore brain. MFN2 antibody [N1N2], N-term dilution: 1:500.



Publications

Jingwen Zhang, Zhibin He, Julia Fedorova, Cole Logan, Lauryn Bates, Kayla Davitt, Van Le, Jiayuan Murphy, Melissa Li, Mingyi Wang, Edward G. Lakatta, Di Ren, Ji Li Alterations in mitochondrial dynamics with age-related Sirtuin1/Sirtuin3 deficiency impair cardiomyocyte contractility Aging Cell 2021-07-03 [PMID: 34216536]



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Products Related to NBP2-17298

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00009927-Q01-10ug	Recombinant Human Mitofusin 2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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