

# Product Datasheet

## Mitofusin 2 Antibody NBP1-85477-25ul

Unit Size: 25 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 2/12/2025 v.20.1

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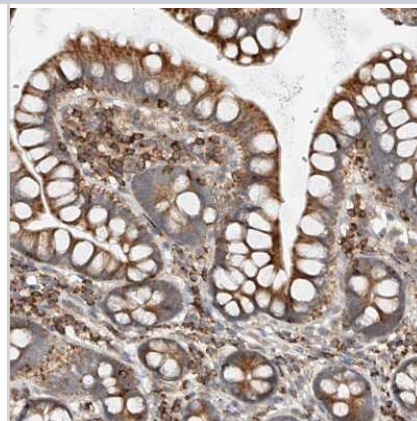
**NBP1-85477-25ul**

## Mitofusin 2 Antibody

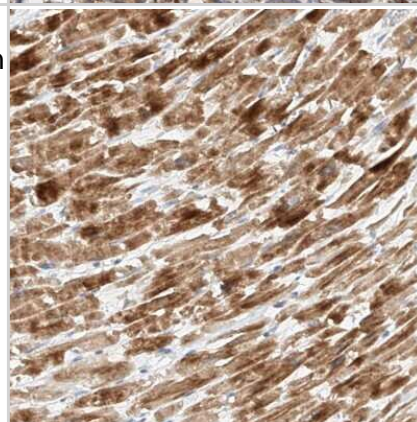
Product Information	
<b>Unit Size</b>	25 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	9927
<b>Gene Symbol</b>	MFN2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 24013556).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: VRLIMDSLHMAAREQQVYCEEMREERQDRLKFIDKQLELLAQDYKLRIKQITEE VERQVSTAMAEIIRRLSVLVDDYQMDFHPSVVLKVYKNELHRHIEEGLGRNM SDRCSTAITNSLQTMQQD
Product Application Details	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

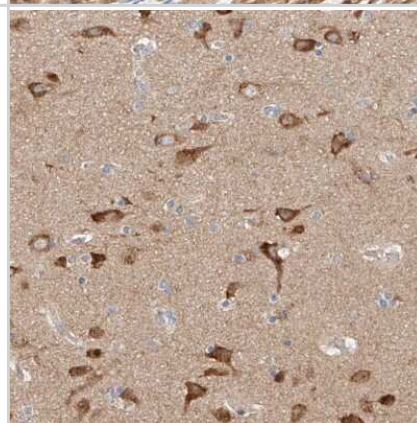
Immunohistochemistry-Paraffin: Mitofusin 2 Antibody [NBP1-85477] - Staining of human small intestine shows strong positivity in lymphoid cells.



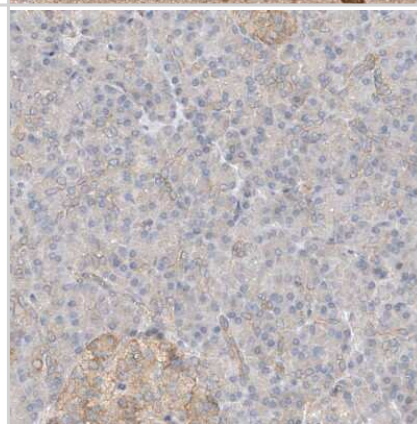
Immunohistochemistry-Paraffin: Mitofusin 2 Antibody [NBP1-85477] - Staining of human heart muscle shows moderate cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: Mitofusin 2 Antibody [NBP1-85477] - Staining of human cerebral cortex shows strong positivity in neurons.



Immunohistochemistry-Paraffin: Mitofusin 2 Antibody [NBP1-85477] - Staining of human pancreas shows very weak positivity in exocrine glandular cells as expected.



## Publications

Ramasubramanian B, Griffith C, Hanson M et al. Protective Effects of Chaya against Mitochondrial and Synaptic Toxicities in the Type 2 Diabetes Mouse Model TallyHO Cells 2022-02-21 [PMID: 35203393] (IF/IHC, Mouse)

Yang JY, Yang WY. Bit-by-bit autophagic removal of parkin-labelled mitochondria. Nat Commun 2013-01-01 [PMID: 24013556]



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### 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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