

# Product Datasheet

## Mitofusin 2 Antibody (4H10F8)

### NBP3-15855-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15855-100ul**

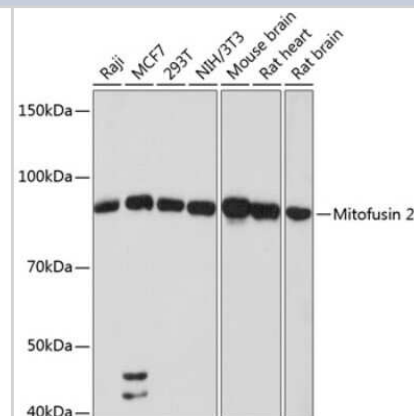
Mitofusin 2 Antibody (4H10F8)

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ul  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.  |
| Clonality                   | Monoclonal  |
| Clone                       | 4H10F8  |
| Preservative                | 0.02% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Affinity purified   |
| Buffer                      | PBS (pH 7.3), 50% glycerol, 0.05% BSA   |
| Product Description         |   |
| Host                        | Rabbit  |
| Gene ID                     | 9927  |
| Gene Symbol                 | MFN2  |
| Species                     | Human, Mouse, Rat   |
| Immunogen                   | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Mitofusin 2 (O95140).<br>MSLLFSRCNSIVTVKKNKRHMAEVNASPLKHFVTAKKKINGIFEQLGAYIQESAT<br>FLEDTYRNAELDPVTTEEQVLDVKGYLSKVRGISEVLARRHMKVA |
| Product Application Details |   |
| Applications                | Western Blot  |
| Recommended Dilutions       | Western Blot 1:500 - 1:2000   |

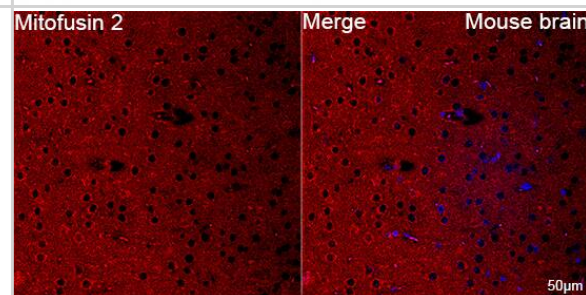


## Images

**Western Blot: Mitofusin 2 Antibody (4H10F8) [NBP3-15855]** - Western blot analysis of extracts of various cell lines, using Mitofusin 2 antibody (NBP3-15855) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



**Immunocytochemistry/ Immunofluorescence: Mitofusin 2 Antibody (4H10F8) [Mitofusin 2]** - Confocal imaging of paraffin-embedded Mouse brain tissue using Mitofusin 2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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### **Products Related to NBP3-15855-100ul**

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|                    |   |
|--------------------|---|
| 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  |

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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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