

# Product Datasheet

## Tropomodulin 2 Antibody (5E7G5) NBP3-15905-100ul

Unit Size: 100 ul

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

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**NBP3-15905-100ul****Tropomodulin 2 Antibody (5E7G5)**

| <b>Product Information</b> |                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 100 ul                                                                                      |
| <b>Concentration</b>       | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| <b>Clonality</b>           | Monoclonal                                                                                  |
| <b>Clone</b>               | 5E7G5                                                                                       |
| <b>Preservative</b>        | 0.02% Sodium Azide                                                                          |
| <b>Isotype</b>             | IgG                                                                                         |
| <b>Purity</b>              | Affinity purified                                                                           |
| <b>Buffer</b>              | PBS (pH 7.3), 50% glycerol, 0.05% BSA                                                       |

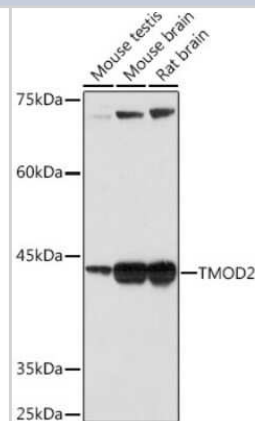
| <b>Product Description</b> |                                                                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Rabbit Tropomodulin 2 Antibody (5E7G5) (NBP3-15905) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.   |
| <b>Host</b>                | Rabbit                                                                                                                                                                                                                    |
| <b>Gene ID</b>             | 29767                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>         | TMOD2                                                                                                                                                                                                                     |
| <b>Species</b>             | Human, Mouse, Rat                                                                                                                                                                                                         |
| <b>Immunogen</b>           | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Tropomodulin 2 (Q9NZR1).<br>MALPFQKELEKYKNIDEDELLGKLSEEELKQLENVLDDLDPE\$AMLPAGFRQKD<br>QTQKAATGPF\$DREHLLMYLEKEALEQKDREDFVPFTGEKKGRVFIP |

| <b>Product Application Details</b> |                                                                                                                                                     |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                           |
| <b>Recommended Dilutions</b>       | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin |

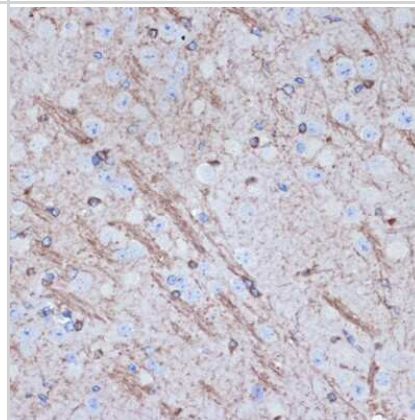


## Images

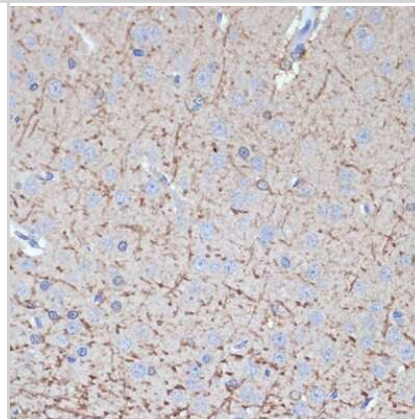
**Western Blot: Tropomodulin 2 Antibody (5E7G5) [NBP3-15905]** - Western blot analysis of extracts of various cell lines, using Tropomodulin 2 Rabbit mAb (NBP3-15905) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



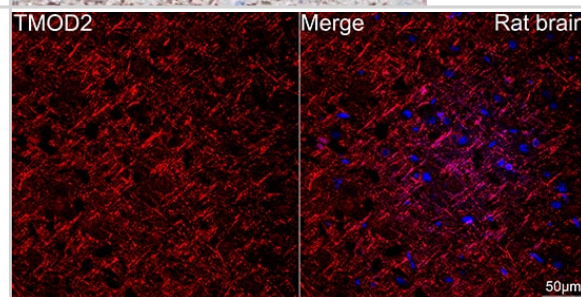
**Immunohistochemistry-Paraffin: Tropomodulin 2 Antibody (5E7G5) [NBP3-15905]** - Immunohistochemistry of paraffin-embedded mouse brain using Tropomodulin 2 Rabbit mAb (NBP3-15905) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: Tropomodulin 2 Antibody (5E7G5) [NBP3-15905]** - Immunohistochemistry of paraffin-embedded rat brain using Tropomodulin 2 Rabbit mAb (NBP3-15905) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunocytochemistry/ Immunofluorescence: Tropomodulin 2 Antibody (5E7G5) [Tropomodulin 2]** - Confocal imaging of paraffin-embedded Rat brain tissue using Tropomodulin 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 NBP3-15905-100ul**

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|             |                                                     |
|-------------|-----------------------------------------------------|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit IgG Isotype Control                          |

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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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