

# Product Datasheet

## Tropomodulin 3 Antibody - BSA Free NBP1-86870

Unit Size: 0.1 ml

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: 1

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Updated 12/2/2025 v.20.1

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**NBP1-86870****Tropomodulin 3 Antibody - BSA Free**

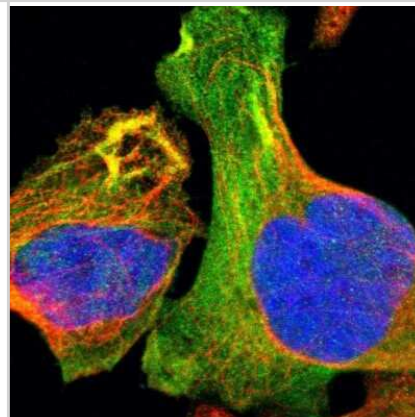
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Tropomodulin 3 Antibody - BSA Free (NBP1-86870) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Tropomodulin 3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	29766
<b>Gene Symbol</b>	TMOD3
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 25486436)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LEKEALEHKDREDYVPYTGEKKGKIFIPKQKPVQTFTEEKVSLDPELEEALTSAS DTELCDLAAILGMHNLITNTKFCNIMGSSNGVDQEHFSNVVKGEKILPVFDEPP NPTNVEESLKRTEKENDAHLVEVNLNNIKNIPIPTLKD

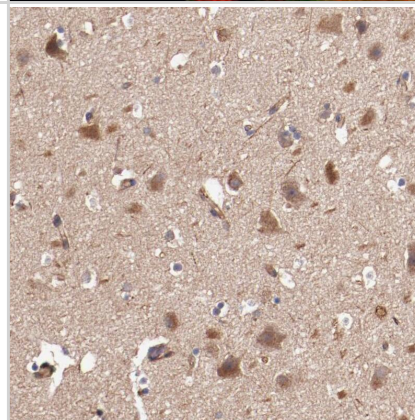
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

## Images

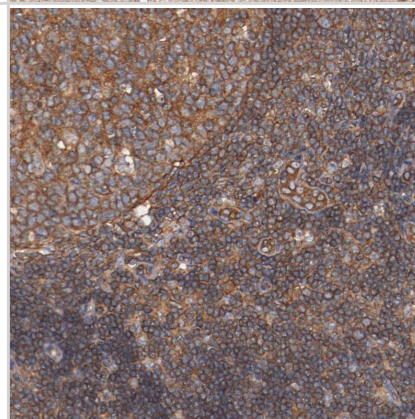
Immunocytochemistry/Immunofluorescence: Tropomodulin 3 Antibody [NBP1-86870] - Staining of human cell line U-2 OS shows localization to cytosol & actin filaments. Antibody staining is shown in green.



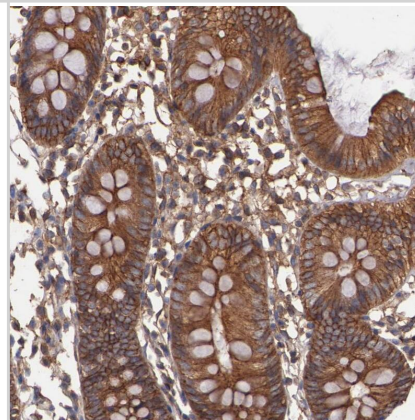
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



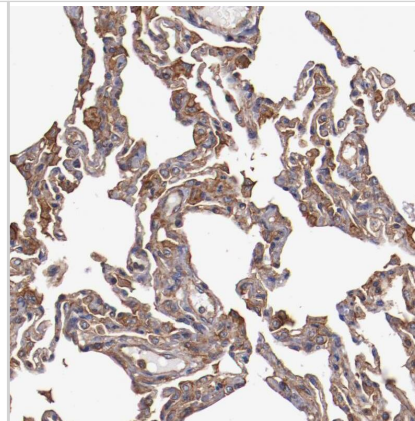
Staining of human lymph node shows strong cytoplasmic positivity in non-germinal center cells.



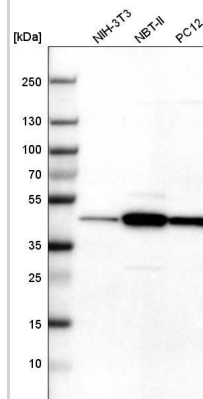
Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Staining of human lung shows strong cytoplasmic positivity in pneumocytes.



Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



Analysis in human cell lines A-549 and HEK293 using Anti-TMOD3 antibody. Corresponding TMOD3 RNA-seq data are presented for the same cell lines. Loading control: Anti-HDAC1.



## Publications

D C Singleton, P Rouhi, C E Zois et al. Hypoxic regulation of RIOK3 is a major mechanism for cancer cell invasion and metastasis. *Oncogene* 2014-12-08 [PMID: 25486436] (WB)



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### **Products Related to NBP1-86870**

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NBP1-86870PEP	Tropomodulin 3 Recombinant Protein Antigen
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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