

Product Datasheet

Tropomodulin 3 Antibody NBP1-86870

Unit Size: 0.1 ml

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

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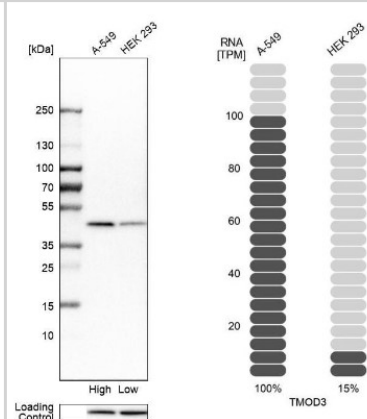
NBP1-86870

Tropomodulin 3 Antibody

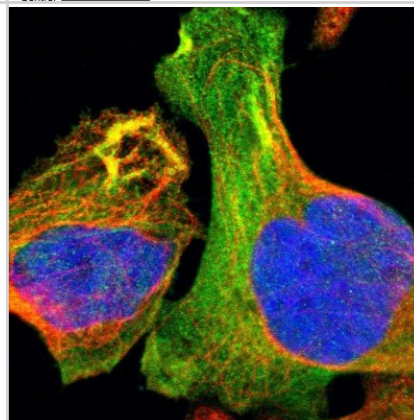
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	29766
Gene Symbol	TMOD3
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 25486436)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LEKEALEHKDREDYVPYTGEKKGKIFIPKQKPVQTFTEEKVSLDPELEEALTSAS DTELCDLAAILGMHNLITNTKFCNIMGSSNGVDQEHFSNVVKGEKILPVFDEPP NPTNVEESLKRTEKENDAHLVEVNLNNIKNIPIPTLKD
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	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
Application Notes	WB reported in scientific literature (PMID: 25486436). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

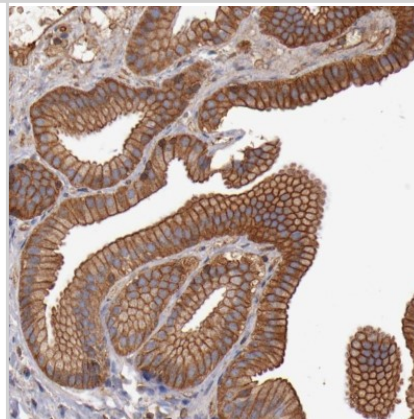
Western Blot: Tropomodulin 3 Antibody [NBP1-86870] - Analysis in human cell lines A-549 and HEK293 using anti-TMOD3 antibody. Corresponding TMOD3 RNA-seq data are presented for the same cell lines. Loading control: anti-HDAC1.



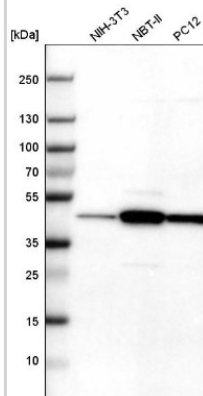
Immunocytochemistry/Immunofluorescence: Tropomodulin 3 Antibody [NBP1-86870] - Staining of human cell line U-2 OS shows localization to cytosol & actin filaments. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: Tropomodulin 3 Antibody [NBP1-86870] - Staining of human gallbladder shows strong cytoplasmic positivity in glandular cells.



Western Blot: Tropomodulin 3 Antibody [NBP1-86870] - Western blot analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



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 Dec 08 [PMID: 25486436] (WB)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Products Related to NBP1-86870

NBP1-86870PEP	Tropomodulin 3 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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