

Product Datasheet

Vanilloid R1/TRPV1 Antibody

NB100-98897

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-98897

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-98897



NB100-98897

Vanilloid R1/TRPV1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

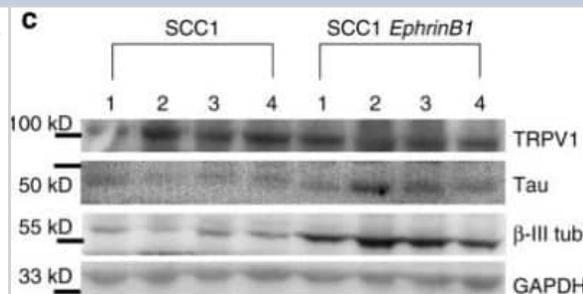
Product Description	
Host	Rabbit
Gene ID	7442
Gene Symbol	TRPV1
Species	Human, Rat, Porcine
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 29351450). Rat reactivity reported in scientific literature (PMID: 22579820). The antigen displays sequence identity for other non-tested species including Canine.
Immunogen	A synthetic peptide from human Vanilloid R1/TRPV1 conjugated to blue carrier protein was used as the antigen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:2000, Immunohistochemistry-Paraffin 1:2000

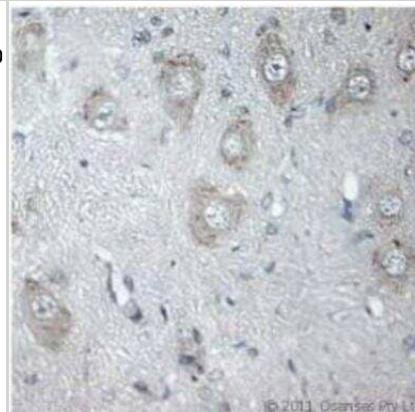


Images

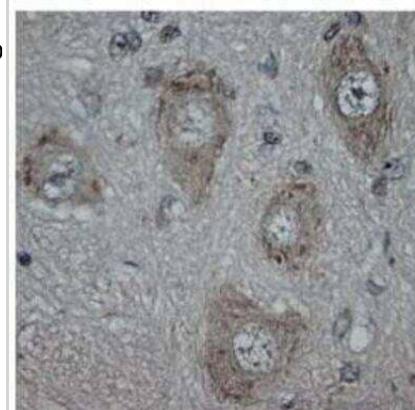
Western Blot: Vanilloid R1/TRPV1 Antibody [NB100-98897] - HPV status and EphrinB1 contribute to neurite outgrowth. Western blot analysis of whole tumor lysates from mice bearing SCC1 or SCC1 EphrinB1 tumors. Western blots repeated at least n = 4 times with technical replicates. Western blots have been cropped for clarity and conciseness. Image collected and cropped by CiteAb from the following publication (www.nature.com/articles/s41467-018-06640-0) licensed under a CC-BY license.



Immunohistochemistry-Paraffin: Vanilloid R1/TRPV1 Antibody [NB100-98897] - IHC on rat spinal cord (paraffin section) using Rabbit antibody to 3d cytoplasmic loop TRPV1 (VR1, capsaicin receptor, vanilloid receptor 1): whole serum (NB100-98897) at 1: 300 dilution incubated overnight at 4C.



Immunohistochemistry-Paraffin: Vanilloid R1/TRPV1 Antibody [NB100-98897] - IHC on rat spinal cord (paraffin section) using Rabbit antibody to 3d cytoplasmic loop TRPV1 (VR1, capsaicin receptor, vanilloid receptor 1): whole serum (NB100-98897) at 1: 300 dilution incubated overnight at 4C.



Publications

Madeo M, Colbert PL, Vermeer DW et al. Cancer exosomes induce tumor innervation. *Nat Commun.* 2018-10-16 [PMID: 30327461] (WB, Human)

Yoshie K, Rajendran PS, Massoud L et al. Cardiac Vanilloid Receptor-1 Afferent Depletion Enhances Stellate Ganglion Neuronal Activity and Efferent Sympathetic Response to Cardiac Stress *Am. J. Physiol. Heart Circ. Physiol.* 2018-01-16 [PMID: 29351450] (Porcine)

Wen W, Que K, Zang C et al. Expression and distribution of three transient receptor potential vanilloid (TRPV) channel proteins in human odontoblast-like cells *J. Mol. Histol.* 2017-09-13 [PMID: 28905239] (IF/IHC, Human)

Issa AT, Miyata K, Heng V, Mitchell KD, Derbenev AV. Increased neuronal activity in the OVLT of Cyp1a1-Ren2 transgenic rats with inducible Ang II-dependent malignant hypertension. *Neurosci Lett.* 2012-05-08 [PMID: 22579820] (WB, Rat)



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
nb-customerservice@bio-techne.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: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-98897

NBL1-17340	Vanilloid R1/TRPV1 Overexpression Lysate
NB100-98897PEP	Vanilloid R1/TRPV1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-98897

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

