

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.

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Publications: 4

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Updated 9/9/2025 v.20.1

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NB100-98897

Vanilloid R1/TRPV1 Antibody

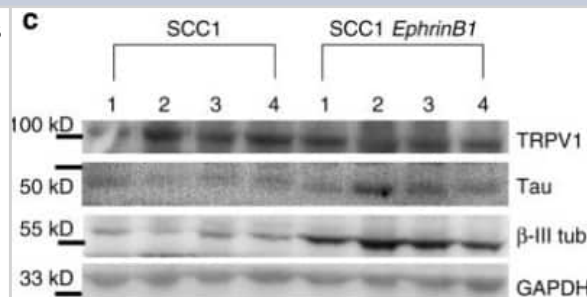
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	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	
Description	Novus Biologicals Rabbit Vanilloid R1/TRPV1 Antibody (NB100-98897) is a polyclonal antibody validated for use in IHC and WB. Anti-Vanilloid R1/TRPV1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

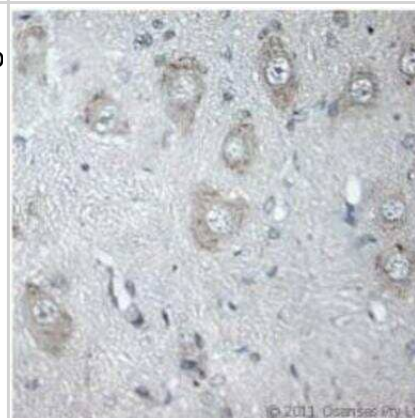
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:2000, Immunohistochemistry-Paraffin 1:2000

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)



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Products Related to NB100-98897

NBL1-17340	Vanilloid R1/TRPV1 Overexpression Lysate
NB100-98897PEP	Vanilloid R1/TRPV1 Antibody Blocking Peptide
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

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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