

Product Datasheet

TRPC1 Antibody NB100-98844

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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NB100-98844**TRPC1 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

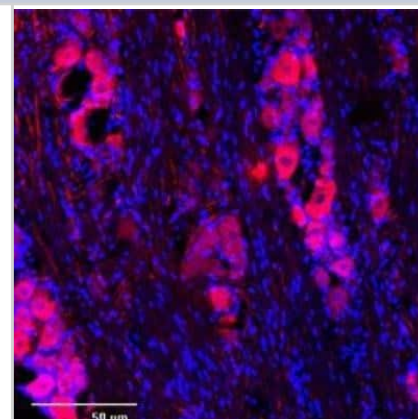
Host	Rabbit
Gene ID	7220
Gene Symbol	TRPC1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide from human TRPC1 conjugated to blue carrier protein was used as the antigen. The peptide is homologous in rat and mouse.

Product Application Details

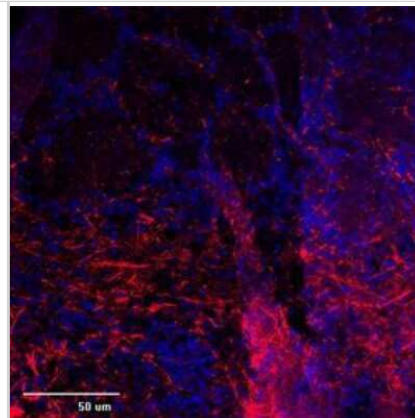
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:500

Images

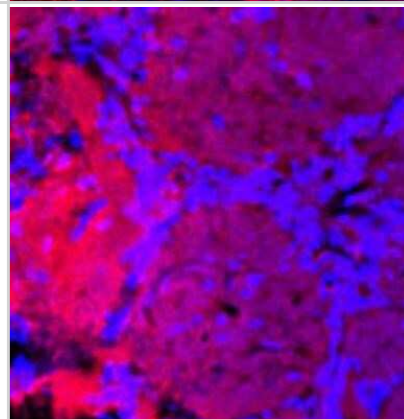
Immunocytochemistry/Immunofluorescence: TRPC1 Antibody [NB100-98844] - IF (confocal) on rat trigeminal at 1 : 500 dilution using Rabbit antibody to 2d extracellular loop of TRPC1: whole serum, DAPI counterstained appearing in blue.



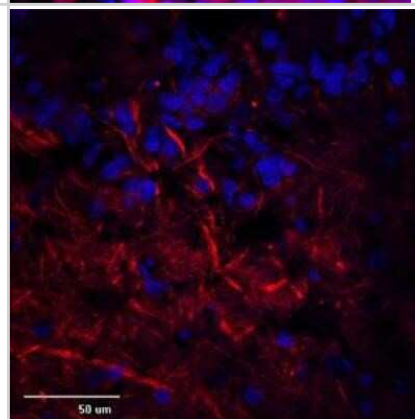
Immunocytochemistry/Immunofluorescence: TRPC1 Antibody [NB100-98844] - IF (confocal) on rat brain at 1:500 dilution using Rabbit antibody to 2d extracellular loop of TRPC1: whole serum, DAPI counterstained appearing in blue.



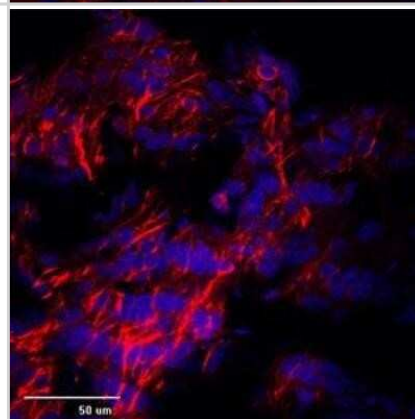
Immunocytochemistry/Immunofluorescence: TRPC1 Antibody [NB100-98844] - IF (confocal) on rat olfactory bulb at 1:500 dilution using Rabbit antibody to TRPC1: whole serum, DAPI counterstained appearing in blue.



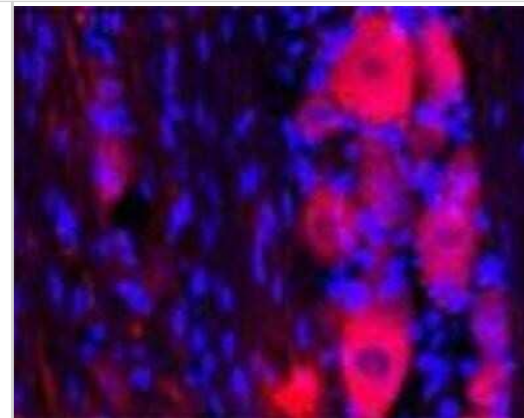
Immunocytochemistry/Immunofluorescence: TRPC1 Antibody [NB100-98844] - IF (confocal) on rat brain at 1:500 dilution using Rabbit antibody to 2d extracellular loop of TRPC1: whole serum, DAPI counterstained appearing in blue.



Immunocytochemistry/Immunofluorescence: TRPC1 Antibody [NB100-98844] - IF (confocal) on rat brain at 1:500 dilution using Rabbit antibody to 2d extracellular loop of TRPC1: whole serum, DAPI counterstained appearing in blue.



Immunocytochemistry/Immunofluorescence: TRPC1 Antibody [NB100-98844] - IF (confocal) on rat trigeminal at 1:500 dilution using Rabbit antibody to 2d extracellular loop of TRPC1: whole serum, DAPI counterstained.



Publications

Wang LF, Ling DY, Huang MX Et al. Influence of atherosclerosis on the molecular expression of the TRPC1/BK signal complex in the aortic smooth muscles of mice Experimental and therapeutic medicine 2022-01-01 [PMID: 34815756] (IHC-P, WB, Mouse)

Fujiseki M, Yamamoto M, Ubaidus S et al. Localization and expression patterns of TRP channels in submandibular gland development. Arch. Oral Biol. 2016-11-11 [PMID: 27875791] (Rat)

Raphael M, Lehen'kyi V, Vandenberghe M et al. TRPV6 calcium channel translocates to the plasma membrane via Orai1-mediated mechanism and controls cancer cell survival. Proc. Natl. Acad. Sci. U.S.A. 2014-09-16 [PMID: 25172921] (WB, Human)



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Products Related to NB100-98844

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00007220-Q01-10ug	Recombinant Human TRPC1 GST (N-Term) Protein

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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