

Product Datasheet

TRPA1 Antibody NB100-98841

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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NB100-98841

TRPA1 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

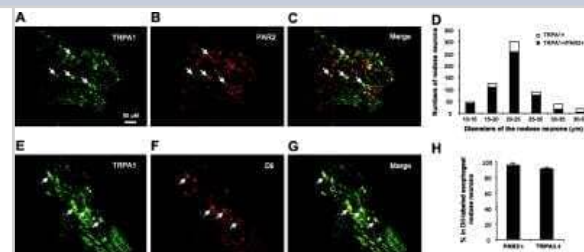
Product Description	
Description	Novus Biologicals Rabbit TRPA1 Antibody (NB100-98841) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TRPA1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8989
Gene Symbol	TRPA1
Species	Mouse, Rat, Guinea Pig
Reactivity Notes	Guinea pig data from customer review. Mouse reactivity reported in scientific literature (PMID: 27720932).
Immunogen	A synthetic peptide from rat TRPA1 conjugated to blue carrier protein was used as the antigen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:1000
Application Notes	IF data from customer review.



Images

Immunocytochemistry/Immunofluorescence: TRPA1 Antibody [NB100-98841] - IF on vagal nodose ganglia. Image from verified customer review.



Publications

Zeng H, Li P, Zhou D et al. Sophocarpine inhibits TRP channels to produce anti-pruritic and analgesic effects in a mouse model of inflammatory itch and pain bioRxiv 2023-10-16 (WB, Mouse)

Coavoy-Sanchez SA, Rodrigues L, Teixeira SA et al. Hydrogen sulfide donors alleviate itch secondary to the activation of type-2 protease activated receptors (PAR-2) in mice. *Pharmacol. Res.* 2016-10-06 [PMID: 27720932] (WB, Mouse)

Details:

This TRPA1 antibody was used to gauge the effect of TRPA1 antagonist administration on TRPA1 levels in mouse models by comparing to a control group

Yu S, Gao G, Peterson BZ, Ouyang A. TRPA1 in mast cell activation-induced long-lasting mechanical hypersensitivity of vagal afferent C-fibers in guinea pig esophagus. *Am J Physiol Gastrointest Liver Physiol.* 2009-07-01 [PMID: 19423751] (ICC/IF, Guinea Pig)



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Products Related to NB100-98841

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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