

# Product Datasheet

## VChT/SLC18A3 Antibody

### NB100-91348

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 2

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Updated 9/9/2025 v.20.1

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**NB100-91348**

## VACHT/SLC18A3 Antibody

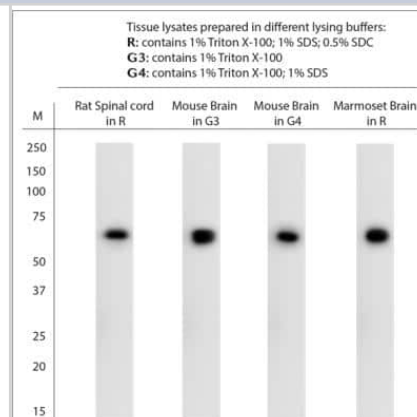
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	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 VACHT/SLC18A3 Antibody (NB100-91348) is a polyclonal antibody validated for use in IHC and WB. Anti-VACHT/SLC18A3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6572
Gene Symbol	SLC18A3
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Marmoset
Immunogen	A synthetic peptide from human VACHT/SLC18A3 conjugated to blue carrier protein was used as the antigen. The antigen is homologous in rat and mouse.

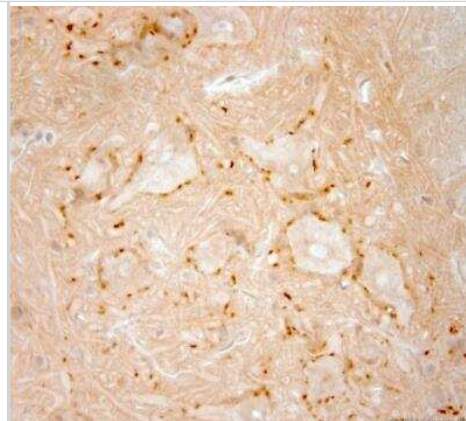
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:1000, Immunohistochemistry-Paraffin 1:1000

**Images**

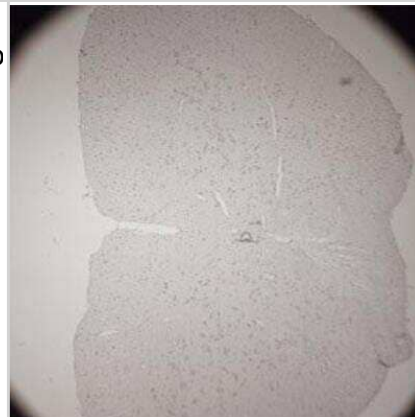
Western Blot: VACHT/SLC18A3 Antibody [NB100-91348] - Rat and mouse tissue lysates. Blocking: 1% LFDM for 30 min at RT; primary antibody: dilution 1:2000 incubated at 4C overnight.



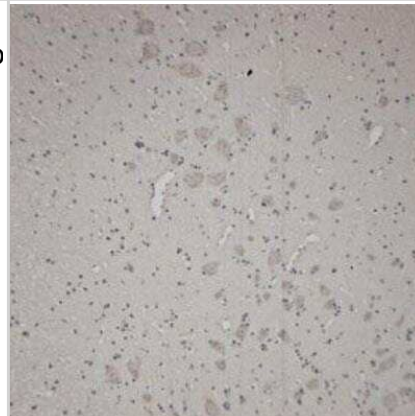
Immunohistochemistry-Paraffin: VACHT/SLC18A3 Antibody [NB100-91348] - Rat spinal cord. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um.



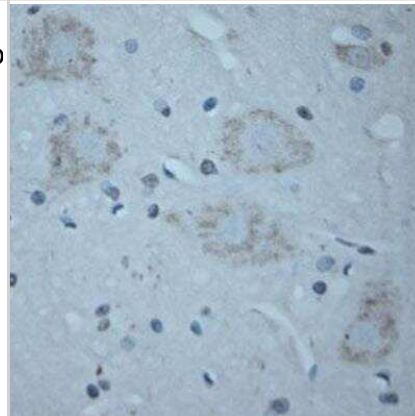
Immunohistochemistry-Paraffin: VACHT/SLC18A3 Antibody [NB100-91348] - IHC on rat spinal cord (paraffin section) using Rabbit antibody to (Vesicular Acetylcholine Transporter) VACHT: whole serum at 1 : 200 dilution incubated overnight at 4C, developed with DAB/Ni and counterstained with hematoxylin.



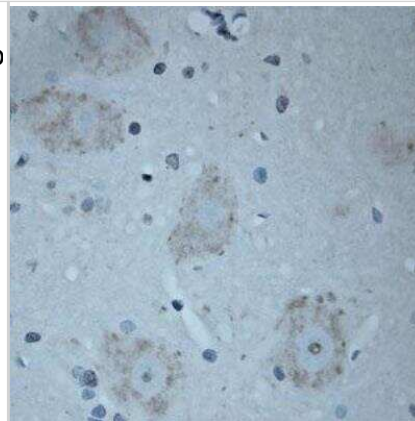
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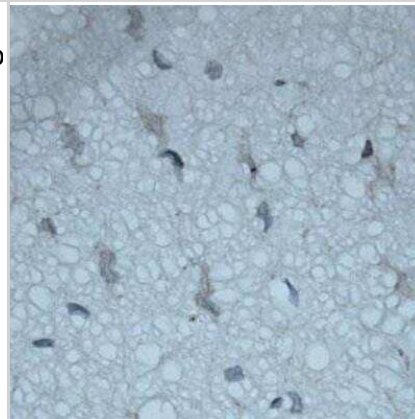
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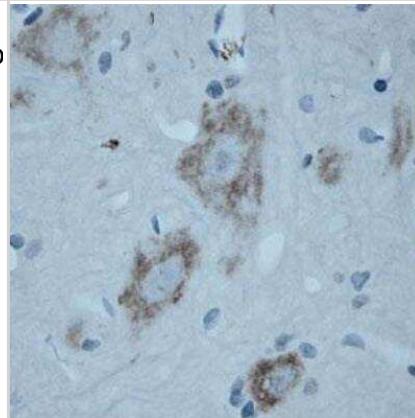
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## Publications

Tie P, Cheng J, Xue MX et al. SLC18A3 promoted renal cancer development through acetylcholine/cAMP signaling American journal of cancer research 2022-09-15 [PMID: 36225635] (IHC-P, WB, Human)

Gokcek-Sarac C, Akcay G, Karakurt S et al. Possible effects of different doses of 2.1 GHz electromagnetic radiation on learning, and hippocampal levels of cholinergic biomarkers in Wistar rats Electromagnetic biology and medicine 2020-12-01 [PMID: 33259237] (WB)



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### **Products Related to NB100-91348**

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NB100-91348PEP	VACHT/SLC18A3 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

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### **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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