

# Product Datasheet

## VPS45 Antibody - Azide and BSA Free NB100-98931

Unit Size: 0.5 mg

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

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**NB100-98931**

VPS45 Antibody - Azide and BSA Free

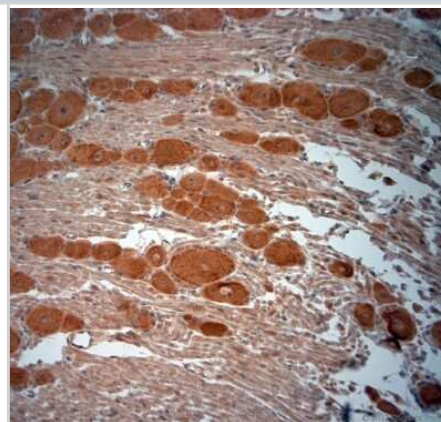
Product Information	
Unit Size	0.5 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute 0.5 mg size in 0.5 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the 0.1 mg size is provided in reconstituted format.
Isotype	IgG
Purity	Ammonium sulfate precipitation
Buffer	Sterilized water

Product Description	
Host	Rabbit
Gene ID	11311
Gene Symbol	VPS45
Species	Mouse, Rat
Immunogen	A synthetic peptide from rat VPS45 conjugated to an immunogenic carrier protein was used as the antigen. The peptide is homologous with the corresponding sequence in mouse.

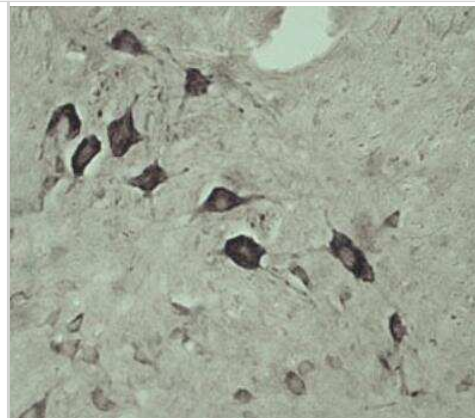
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 10-50 ug/ml, Immunohistochemistry 10-50 ug/ml, Immunohistochemistry-Paraffin 10-50 ug/ml, Immunohistochemistry-Frozen 10-50 ug/ml

**Images**

Immunohistochemistry-Paraffin: VPS45 Antibody [NB100-98931] - IHC-P on paraffin sections of rat DRG. The animal was perfused using Autoperfuser 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. Detection was done using HRP polymer from manufacturers instructions; DAB chromogen. Primary antibody: dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



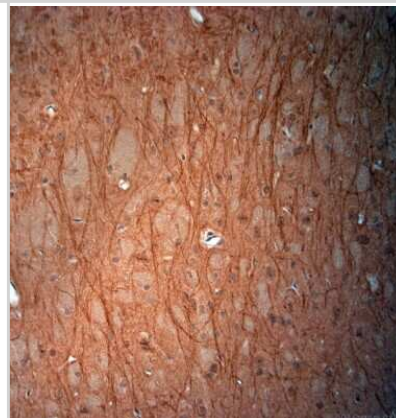
Immunohistochemistry-Paraffin: VPS45 Antibody [NB100-98931] - Rat spinal cord using Rabbit antibody to internal part of Vacuolar protein sorting-associated protein 45 (rvps45, Vps45, Vps45a): IgG at a concentration of 10 ug/ml.



Immunohistochemistry-Paraffin: VPS45 Antibody [NB100-98931] - IHC-P on paraffin sections of rat brain. The animal was perfused using Autoperfuser 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. DAB chromogen. Primary antibody: dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin



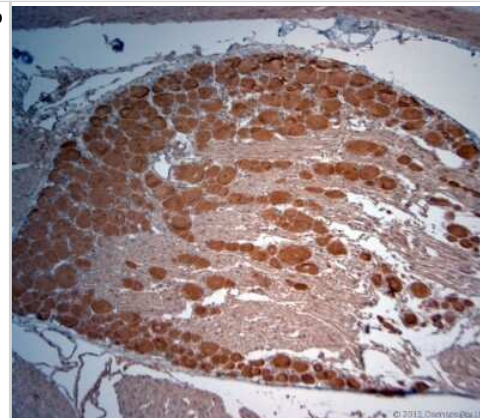
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### **Products Related to NB100-98931**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00011311-P01-10ug	Recombinant Human VPS45 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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