

# Product Datasheet

## VMAT2 Antibody (CL13157) - Azide and BSA Free NBP3-44388

Unit Size: 100 ug

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

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**NBP3-44388**

VMAT2 Antibody (CL13157) - Azide and BSA Free

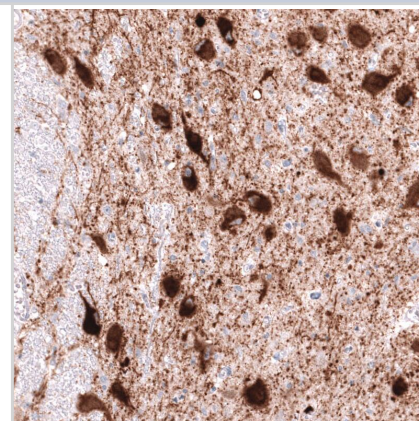
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13157
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse VMAT2 Antibody (CL13157) - Azide and BSA Free (NBP3-18556) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6571
Gene Symbol	SLC18A2
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of Q05940, with the exact immunogen sequence remaining proprietary.

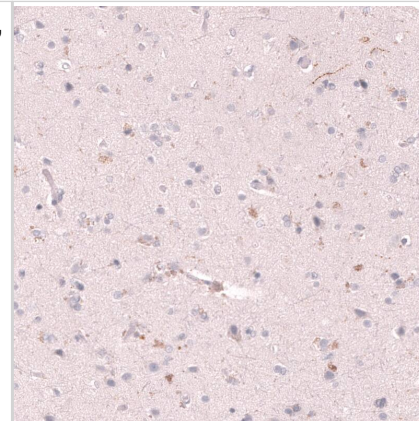
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

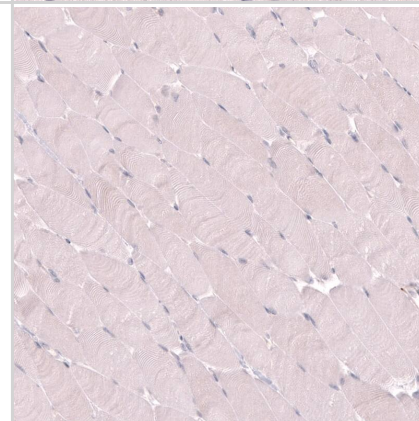
Staining of human dorsal raphe nucleus shows strong cytoplasmic positivity in neurons.



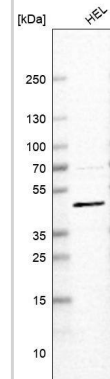
Staining of human cerebral cortex shows positivity in single neural fibers, and no staining in neurons as expected.



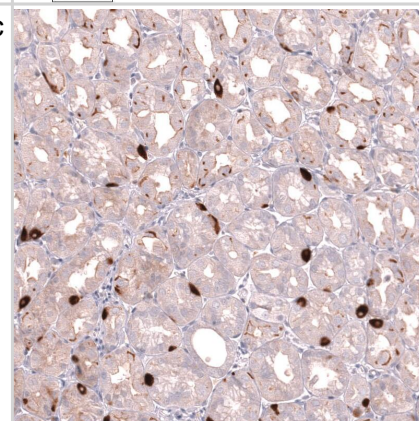
Staining of human skeletal muscle shows no positivity in myocytes as expected.



Analysis in human cell line HEL.



Staining of human stomach shows strong cytoplasmic positivity in gastric endocrine cells.





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### **Products Related to NBP3-44388**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
H00006571-Q01-10ug	Recombinant Human VMAT2 GST (N-Term) Protein

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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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