

# Product Datasheet

## VMAT2 Antibody (CL13157)

### NBP3-18556-100ul

Unit Size: 100 ul

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

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Updated 2/27/2025 v.20.1

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**NBP3-18556-100ul**

VMAT2 Antibody (CL13157)

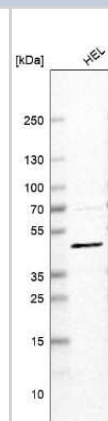
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13157
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Host	Mouse
Gene ID	6571
Gene Symbol	SLC18A2
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from Q05940, with the exact immunogen sequence remaining proprietary.

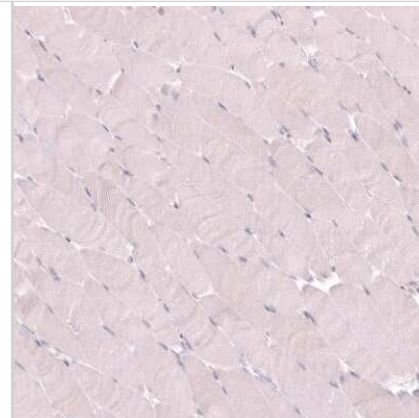
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval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

**Images**

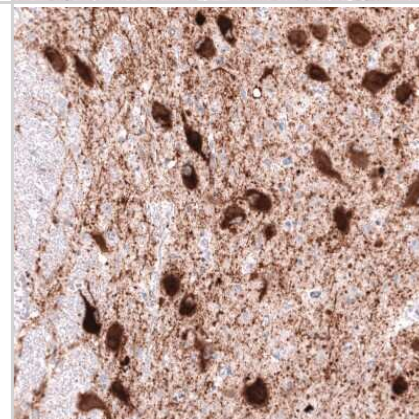
Western Blot: VMAT2 Antibody (CL13157) [NBP3-18556] - Analysis in human cell line HEL.



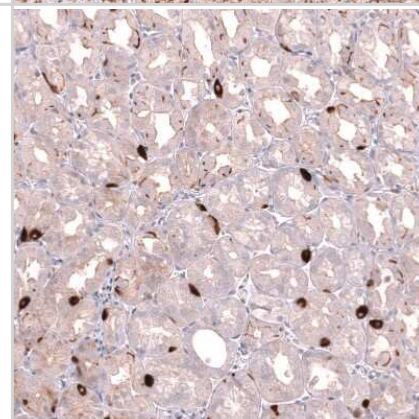
Immunohistochemistry-Paraffin: VMAT2 Antibody (CL13157) [NBP3-18556] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



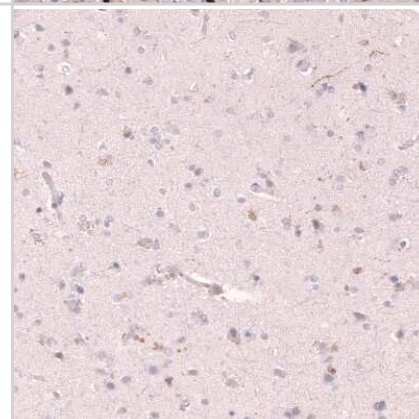
Immunohistochemistry-Paraffin: VMAT2 Antibody (CL13157) [NBP3-18556] - Staining of human dorsal raphe nucleus shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: VMAT2 Antibody (CL13157) [NBP3-18556] - Staining of human stomach shows strong cytoplasmic positivity in gastric endocrine cells.



Immunohistochemistry-Paraffin: VMAT2 Antibody (CL13157) [NBP3-18556] - Staining of human cerebral cortex shows positivity in single neural fibers, and no staining in neurons as expected.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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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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