

Product Datasheet

VACHT/SLC18A3 Antibody (N425/45) - Chimeric - Azide and BSA Free NBP3-52349

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-52349

Updated 6/11/2026 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-52349



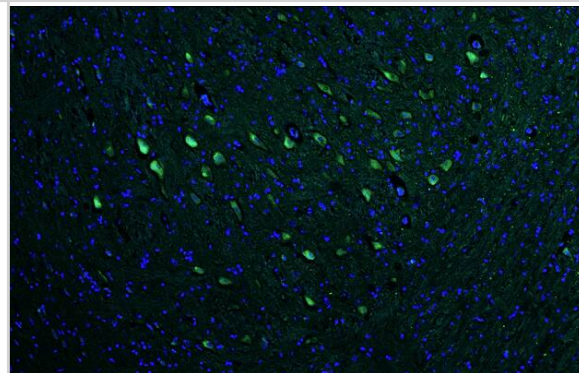
NBP3-52349

VACHT/SLC18A3 Antibody (N425/45) - Chimeric - Azide and BSA Free

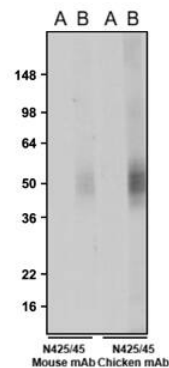
| Product Information | |
|------------------------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | N425/45 |
| Preservative | No Preservative |
| Isotype | IgY |
| Purity | Affinity purified |
| Buffer | PBS |
| Target Molecular Weight | 60 kDa |
| Product Description | |
| Description | This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N425/45 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N425/45 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in HEK293 cells and then affinity purified from the cell culture media and and buffer exchanged into 1X PBS. |
| Host | Chicken |
| Gene ID | 6572 |
| Gene Symbol | SLC18A3 |
| Species | Mouse, Rat |
| Specificity/Sensitivity | Does not cross-react with VMAT1 or VMAT2 |
| Immunogen | Fusion protein amino acids 55-125 (first vesicle lumen domain) of rat VACHT/SLC18A3 (Uniprot#: Q62666) produced recombinantly in E. Coli |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin |

Images

Representative section of formalin fixed, paraffin-embedded rat brain stem showing facial motor neurons stained by NBP3-52348 (the BSA Free version of this antibody) using goat anti-chicken IgY secondary antibody (green). DAPI nuclear stain (blue) shows cell nuclei.



Western blotting of mock transfected (A) and VACHT/SLC18A3 transfected (B) COS-7 lysates with VACHT/SLC18A3 mouse monoclonal antibody and NBP3-52348 (the BSA Free version of this antibody). The mouse monoclonal antibody and chicken monoclonal antibody were detected with anti-mouse-HRP and anti-chicken-HRP, respectively. The chicken monoclonal antibody recognizes exogenous VACHT/SLC18A3 with similar sensitivity as the mouse monoclonal antibody only in VACHT/SLC18A3 transfected COS-7 lysates at ~60 kDa.





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

Products Related to NBP3-52349

| | |
|--------------------|--|
| BAF010 | Goat anti-Chicken IgY Secondary Antibody [Biotin] |
| NB7276 | Goat anti-Chicken IgM Heavy Chain Secondary Antibody |
| H00006572-Q01-10ug | Recombinant Human VACHT/SLC18A3 GST (N-Term) Protein |
| NBP2-10859 | VACHT/SLC18A3 Overexpression Lysate |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-52349

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

