

Product Datasheet

VACHT/SLC18A3 Antibody (N425/45) - Chimeric - BSA Free NBP3-52348-100ul

Unit Size: 100 ul

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

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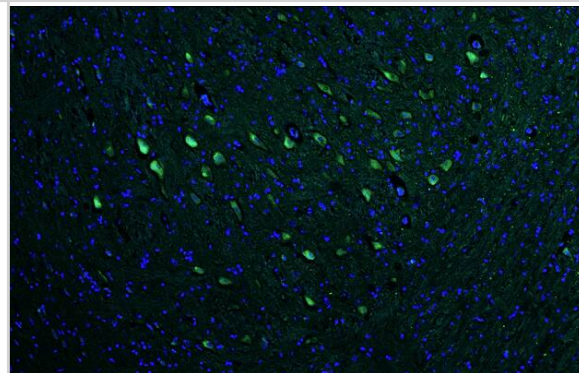
NBP3-52348-100ul

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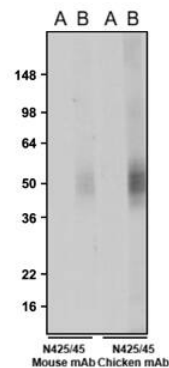
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	N425/45
Preservative	0.05% Sodium Azide
Isotype	IgY
Purity	Affinity purified
Buffer	1X PBS (pH 7.4)
Target Molecular Weight	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.
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 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 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.





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Products Related to NBP3-52348-100ul

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.

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