

# 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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Updated 6/8/2026 v.20.1

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**NBP3-52348-100ul**

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

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	N425/45
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgY
<b>Purity</b>	Affinity purified
<b>Buffer</b>	1X PBS (pH 7.4)
<b>Target Molecular Weight</b>	60 kDa
<b>Product Description</b>	
<b>Description</b>	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.
<b>Host</b>	Chicken
<b>Gene ID</b>	6572
<b>Gene Symbol</b>	SLC18A3
<b>Species</b>	Mouse, Rat
<b>Specificity/Sensitivity</b>	Does not cross-react with VMAT1 or VMAT2
<b>Immunogen</b>	Fusion protein amino acids 55-125 (first vesicle lumen domain) of rat VACHT/SLC18A3 (Uniprot#: Q62666) produced recombinantly in E. Coli
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin



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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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