

# Product Datasheet

## **VACHT/SLC18A3 Antibody (S6-38) - BSA Free NBP2-59378**

Unit Size: 100 ug

Store at -20C.

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**NBP2-59378**

VACHT/SLC18A3 Antibody (S6-38) - BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	S6-38
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 50% Glycerol

**Product Description**

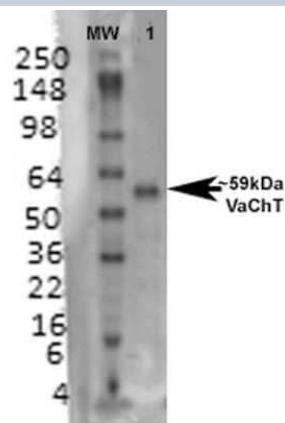
<b>Description</b>	Novus Biologicals Mouse VACHT/SLC18A3 Antibody (S6-38) - BSA Free (NBP2-59378) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-VACHT/SLC18A3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	6572
<b>Gene Symbol</b>	SLC18A3
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Detects 56kDa.
<b>Immunogen</b>	Synthetic peptide amino acids 521-532 of human VACHT

**Product Application Details**

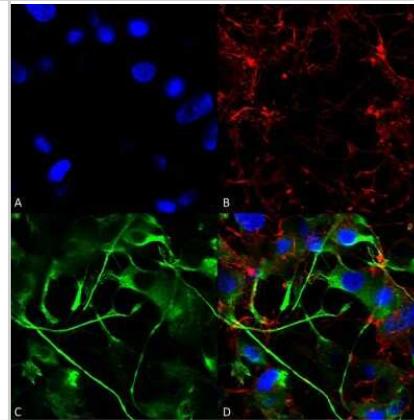
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry 1:200, Immunocytochemistry/ Immunofluorescence 1:100

## Images

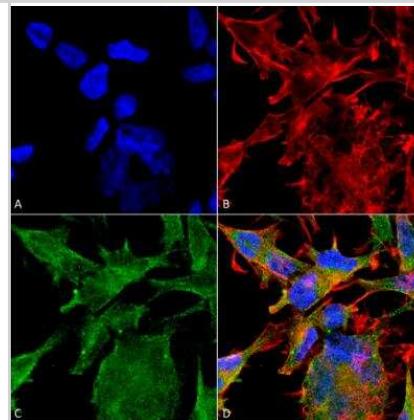
Western Blot: VACHT/SLC18A3 Antibody (S6-38) [NBP2-59378] - Western Blot analysis of Rat brain membrane lysate showing detection of VACHT/SLC18A3 protein using Mouse Anti-VACHT/SLC18A3 Monoclonal Antibody, Clone S6-38 (NBP2-59378). Primary Antibody: Mouse Anti-VACHT/SLC18A3 Monoclonal Antibody (NBP2-59378) at 1:1000.



Immunocytochemistry/Immunofluorescence: VACHT/SLC18A3 Antibody (S6-38) [NBP2-59378] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-VACHT/SLC18A3 Monoclonal Antibody, Clone S6-38 (NBP2-59378). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-VACHT/SLC18A3 Monoclonal Antibody (NBP2-59378) at 1:200 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) VACHT/SLC18A3 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: VACHT/SLC18A3 Antibody (S6-38) [NBP2-59378] - Analysis using Mouse Anti-VACHT Monoclonal Antibody, Clone S6-38. Tissue: SK-N-BE Cells (Human Neuroblastoma cells). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-VACHT Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Membrane. Magnification: 60X.



## Publications

Farid H, Gelford WB, Goss LL et al. Fast Blue and Cholera Toxin-B Survival Guide for Alpha-Motoneurons Labeling: Less Is Better in Young B6SJL Mice, but More Is Better in Aged C57Bl/6J Mice Bioengineering (Basel, Switzerland) 2023-01-20 [PMID: 36829635] (IHC, Mouse)

Suzuki K, Ohi Y, Sato T et al. Reduction of glutamatergic activity through cholinergic dysfunction in the hippocampus of hippocampal cholinergic neurostimulating peptide precursor protein knockout mice Research Square 2022-09-29 [PMID: 36357544]



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## Products Related to NBP2-59378

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00006572-Q01-10ug	Recombinant Human VACHT/SLC18A3 GST (N-Term) Protein

## 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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