

Datasheet for ABIN1305041
anti-SLC18A3 antibody (AA 521-532)



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Overview

Quantity:	100 µL
Target:	SLC18A3
Binding Specificity:	AA 521-532
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SLC18A3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide amino acids 521-532 (CEDDYNYYYTRS) of human VACHT (accession number Q16572)
Clone:	N6-38
Isotype:	IgG1
Specificity:	No off-targets reported
Cross-Reactivity:	Human, Mouse, Rat, Ray (Torpedo)
Characteristics:	Description: Our Anti-VACHT mouse monoclonal primary antibody is produced in-house from hybridoma clone N6/38. It detects electric ray, human, mouse and rat VACHT, and is purified by Protein A chromatography. It is great for use in IHC, ICC. Manufacturer Comment: We produce our VACHT mouse monoclonal primary antibody from hybridoma clone N6/38. It is great in IHC, ICC and is purified by Protein A chromatography.

Product Details

Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography.
Purity:	> 90% specific antibody

Target Details

Target:	SLC18A3
Alternative Name:	VACht (SLC18A3 Products)
Background:	Synonyms: Vesicular acetylcholine transporter (VACht) (rVAT) (Solute carrier family 18 member 3) Target Description: Vesicular acetylcholine transporter (VaChT), or Solute Carrier Family 18 Member A3 is encoded by the gene Slc18a3 and is a member of the vesicular amine transporter family. VaChT transports acetylcholine into secretory vesicles for release into the extracellular space. VaChT is expressed in major cholinergic cell groups in the peripheral and central cholinergic nervous systems. Diseases associated with SLC18A3 include Myasthenic Syndrome and Presynaptic and Presynaptic Congenital Myasthenic Syndromes. Gene Name Alternatives: Slc18a3 Vacht Vat
Molecular Weight:	55 kDa
NCBI Accession:	NP_003046

Application Details

Application Notes:	Dilution Range: IHC: 1:250 Dilution Range: ICC: 1:500 Dilution Range: WB: 1:250
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	10 mM Tris, 50 mM Sodium Chloride, 0.065 % Sodium Azide pH 7.4
Storage:	4 °C, -20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For

Handling

maximum recovery of product, centrifuge the vial prior to removing the cap.

Expiry Date: 24 months