

Datasheet for ABIN7595457

anti-SLC18A3 antibody (AA 521-532) (FL490)



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Overview

Quantity:	200 µL
Target:	SLC18A3
Binding Specificity:	AA 521-532
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SLC18A3 antibody is conjugated to FL490
Application:	Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-VaChT Antibody FL490 Conjugate
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.

Product Details

	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.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.
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

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
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Expiry Date:	12 months
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