

Datasheet for ABIN7540617
anti-SLC18A3 antibody (Internal Region)



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Overview

Quantity:	100 µg
Target:	SLC18A3
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC18A3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), ELISA, Fluorescence Microscopy (FM)

Product Details

Purpose:	VACHT Antibody
Immunogen:	Anti-VACHT antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal portion of rat vesicular acetylcholine transporter conjugated to Keyhole Limpet Hemocyanin (KLH).
Isotype:	IgG
Cross-Reactivity (Details):	This affinity purified antibody is directed against rat VACHT.
Purification:	The antibody was affinity purified from monospecific antiserum by immunoaffinity purification.
Sterility:	Sterile filtered

Target Details

Target:	SLC18A3
Alternative Name:	Slc18a3 (SLC18A3 Products)
Background:	Rabbit Anti-Vesicular acetylcholine transporter Antibody, VACHT, rVAT, solute carrier family 18 member 3, Slc18a3, Vacht, Vat,Slc18a3 (Solute Carrier Family 18 Member A3) is a Protein Coding gene. Vesicular acetylcholine transporters (VACHTs) are members of the solute carrier family 18 (SLC18) of ATP-dependent transporters that also includes vesicular monoamine transporters (VMAT) 1 and VMAT2. VACHT is found in the central and peripheral nervous systems. Transports acetylcholine into secretory vesicles for release into the extracellular space. Anti-VACHT Antibody is useful for researchers interested in Myasthenic syndromes, neurotransmitter release cycles, synaptic vesicle cycle, and neuroscience research.
Gene ID:	60422
NCBI Accession:	NP_113851
UniProt:	Q62666

Application Details

Application Notes:	ELISA_Dilution: 5 µg/mL Immunohistochemistry_Dilution: 1:100 IF_Microscopy_Dilution: 15 µg/mL Western_Blot_Dilution: 1:1000
Comment:	Anti-Vesicular Acetylcholine Transporter Antibody has been tested in ELISA, WB, IHC, and IF. Expect a band at ~56.5kDa in western blot using appropriate lysates. Positive control used: PND2-6 in WB, PND1 cells in IF, rat spinal cord in IHC.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months