

Mouse VACHT Monoclonal Antibody | anti-VACHT antibody

VACHT Transporter Monoclonal Antibody

CATALOG # AAA47763	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunoblot, Western Blot
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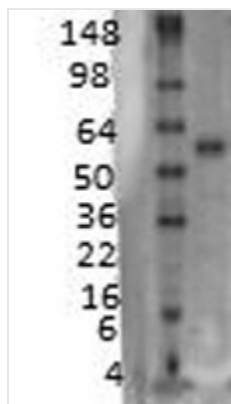
PRODUCT SYNONYMS

VACHT; Monoclonal Antibody; VACHT Transporter Monoclonal Antibody; Anti-VACHT Transporter; anti-VACHT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody recognizes human, mouse, and rat VACHT.
Purity/Purification	Purified by Protein G affinity chromatography.
Form/Format	Clear Liquid; 100ug in PBS (1mg/ml), pH 7.4, 50% glycerol, 0.09% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	532
Applicable Applications for anti-VACHT antibody	WB (Western Blot), IHC (Immunohistochemistry), IB (Immunoblot)
Antigen	Synthetic peptide corresponding to aa 521-532 (CEDDYNNYYTRS) of human VACHT (accession no. NP_003046)
Preservative	50% Glycerol, 0.09% NaN ₃
Dilution Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	This product is stable for at least 1 year at -20 degree C. Freeze in multiple aliquots to avoid repeated freeze-thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of VACHT on rat brain membrane with AAA47763 at 1ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-VACHT antibody	VACHT is a member of the vesicular amine transporter (VMAT) family. The encoded transmembrane protein transports acetylcholine into secretory vesicles for release into the extracellular space. Acetylcholine transport utilizes a proton gradient established by a vacuolar ATPase. This gene is located within the first intron of the choline acetyltransferase gene.
Product Categories/Family for anti-VACHT antibody	Neuroscience and Signal Transduction Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	118582257
NCBI GeneID	6572
NCBI Accession #	NP_003046.2
NCBI GenBank Nucleotide #	NM_003055.2
Molecular Weight	The molecular weight of glycosylated VACHT is 70kDa
NCBI Official Full Name	vesicular acetylcholine transporter
NCBI Official Synonym Full Names	solute carrier family 18 member A3
NCBI Official Symbol	SLC18A3
NCBI Official Synonym Symbols	VACHT
NCBI Protein Information	vesicular acetylcholine transporter
UniProt Protein Name	Vesicular acetylcholine transporter
UniProt Gene Name	SLC18A3
UniProt Synonym Gene Names	VACHT; VACHT
UniProt Entry Name	VACHT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.