

Guinea Pig anti-Mouse, Rat VACHT Polyclonal Antibody | anti-VACHT antibody

VACHT antibody

CATALOG # AAA74938	HOST Guinea Pig	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Immunofluorescence
------------------------------	---------------------------	---------------------------------	---

PRODUCT SYNONYMS

VACHT; Polyclonal Antibody; VACHT antibody; Polyclonal VACHT; Anti-VACHT; Vesicular Acetylcholine Transporter; anti-VACHT antibody

PRODUCT SPECIFICATIONS

Host	Guinea Pig
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG1
Specificity	Rat VACHT
Form/Format	Supplied as a lyophilized powder. Dissolve the antiserum in 50 - 100 ul distilled water, and dilute further in 0.1M PBS with 1% BSA and 0.1% NaN ₃ .
Concentration	50ul, lyophilized (varies by lot)
Sequence Length	532
Applicable Applications for anti-VACHT antibody	IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	Synthetic peptide from the C-terminus of rat VACHT conjugated to BSA
Biological Significance	The antiserum against the vesicular acetylcholine transporter is a unique immunohistochemical marker for cholinergic nerves, more specific than the commonly used acetylcholinesterase (AChE), since it does not react with postsynaptic neurons, and is more sensitive than choline acetyltransferase (ChAT). The antiserum recognizes VACHT both in the CNS and PNS of rat and mouse.
Cross-Reactivity	Mouse, rat
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Synthetic peptide from the C-terminus of rat VACHT conjugated to BSA.
Preparation and Storage	Ships ambient or refrigerated. Upon receipt store at 4 degree C. After reconstituted, store at 4 degree C while undiluted, or at -20 degree C in aliquots.

ADDITIONAL INFORMATION

Related Product Information for anti-VACHT antibody	Guinea Pig polyclonal VACHT antibody
Product Categories/Family for anti-VACHT antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	118582257
-----------	-----------

NCBI GeneID	6572
NCBI Accession #	NP_003046.2
NCBI GenBank Nucleotide #	NM_003055.2
UniProt Accession #	Q16572 ; B2R7S1
Molecular Weight	56,903 Da
NCBI Official Full Name	vesicular acetylcholine transporter
NCBI Official Synonym Full Names	solute carrier family 18 (vesicular acetylcholine transporter), member 3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/vacht-antibody-immunohistochemistry-immunofluorescence-elisa/74938>