

Cat. No:	AB-11247
Conjugate:	Unconjugated
Size:	100 ul
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human SLC18A3.
Reactivity:	Hu, Rt,
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	65kDa
Purification:	serum
Synonyms:	SLC18A3;CMS21;VACHT
Background:	This gene is a member of the vesicular amine transporter 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.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	For long term storage, leave frozen at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using VACHT Polyclonal Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 30s.



Immunohistochemistry of paraffin embedded rat brain using VACHT antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of mouse brain using VACHT Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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