

Product name:	VAcHT (Vesicular Acetylcholine Transporter)
Cat number:	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
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.
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.



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.