

## *Anti-VACHT (VAT)*

*(vesicular acetylcholine transporter)*

**Code Number** : VACHT-Rb-Af1000 (rabbit, RRID : AB\_2571850)  
: VACHT-Rb-Af670 (rabbit, RRID : AB\_2736903)  
: VACHT-GP-Af1120 (guinea pig, RRID : AB\_2736904)

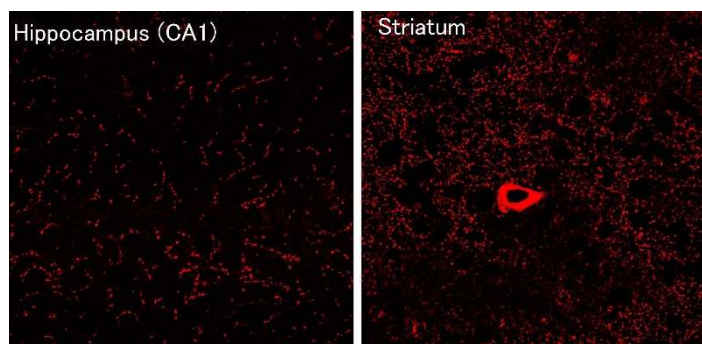
**Size** : 20 µg and 50 µg / See label on vial  
(affinity-purified with antigen polypeptide)

**Formulation** : Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.  
(affinity-purified with antigen polypeptide)

**Storage** : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

**Species** : rabbit / guinea pig, polyclonal

**Antigen** : mouse VACHT, 491-530 aa (AF019045) for VACHT-Rb-Af1000  
mouse VACHT, 518-530 aa (AF019045) for VACHT-Rb-Af670 and VACHT-GP-Af1120



**Specificity** : mouse (others not tested)

Immunoblot detects a single protein band at 65-67 kDa. This selectively stains cholinergic neurons in the striatum and basal forebrain regions.

**Applications** : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

**Research Use** : For research use only, not for use in diagnostic procedures.

**Remarks** :

**Reference** : 1) Nakamura, M., Sato, K., Fukaya, M., Araishi, K., Aiba, A., Kano, M., Watanabe, M. (2004) Signaling complex formation of phospholipase C $\beta$ 4 with mGluR1 $\alpha$  and IP3R1 at the perisynapse and endoplasmic reticulum in the mouse brain. *Eur. J. Neurosci* 20:2929-2944.