

Anti-VMAT2

(vesicular monoamine transporter-2)

Code Number : VMAT2-Rb-Af720 (rabbit, RRID : AB_2571857)

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% NaN₃.

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-hazardous. No MSDS required.

Species : rabbit, polyclonal

Antigen : rat VMAT2, 468-515 aa
(L00603)

Specificity : mouse (others not tested)
Immunoblot detects a single protein band at 64-65 kDa.

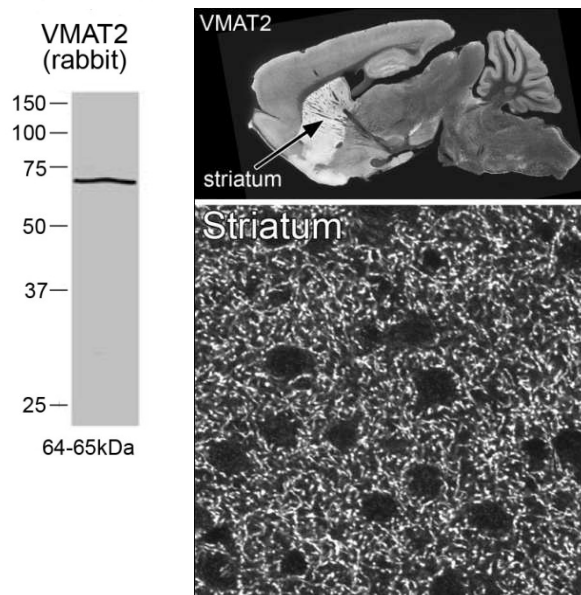
This selectively stains terminals and cell bodies of serotonergic, adrenergic, and dopaminergic neurons.

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.

Reference : Somogyi, J., Baude, A., Omori, Y., Shimizu, H., Mestikawy, S.E., Fukaya, M., Ryuichi, S., Watanabe, M., Somogyi, P. (2004) GABAergic basket cells expressing



cholecystokinin contain vesicular glutamate transporter type 3 (VGLUT3) in their synaptic terminals in hippocampus and isocortex of the rat. *Eur. J. Neurosci.* 19:552-569.