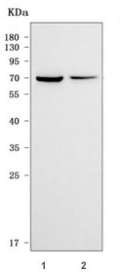
# VMAT2 Antibody / Vesicular amine transporter 2 (RQ7697)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ7697 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q05940 |
| **Applications** | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml |
| **Limitations** | This VMAT2 antibody is available for research use only. |




Western blot testing of 1) human HEL and 2) rat brain tissue lysate with VMAT2 antibody. Predicted molecular weight ~56 KDa but may be observed at higher molecular weights due to glycosylation.

## Description

This gene encodes an transmembrane protein that functions as an ATP-dependent transporter of monoamines, such as dopamine, norepinephrine, serotonin, and histamine. This protein transports amine neurotransmitters into synaptic vesicles. Polymorphisms in this gene may be associated with schizophrenia, bipolar disorder, and other neurological/psychiatric ailments.

## Application Notes

Optimal dilution of the VMAT2 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids M1-D514) was used as the immunogen for the VMAT2 antibody.

## Storage

After reconstitution, the VMAT2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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