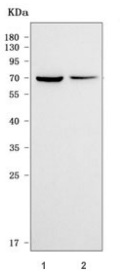
VMAT2 Antibody / Vesicular amine transporter 2 (RQ7697)

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 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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