

VMAT2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59293

Specification

VMAT2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O05940
Reactivity	Rat, Pig, Dog, Cow
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55713

VMAT2 Polyclonal Antibody - Additional Information

Gene ID 6571

Other Names

Synaptic vesicular amine transporter, Monoamine transporter, Solute carrier family 18 member 2, Vesicular amine transporter 2, VAT2, SLC18A2, SVMT, VMAT2

Format

0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

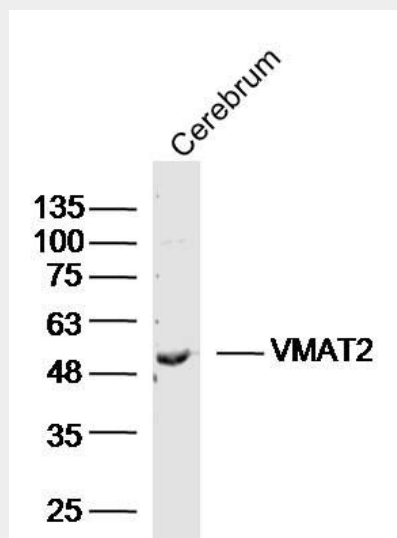
VMAT2 Polyclonal Antibody - Protein Information

Name SLC18A2

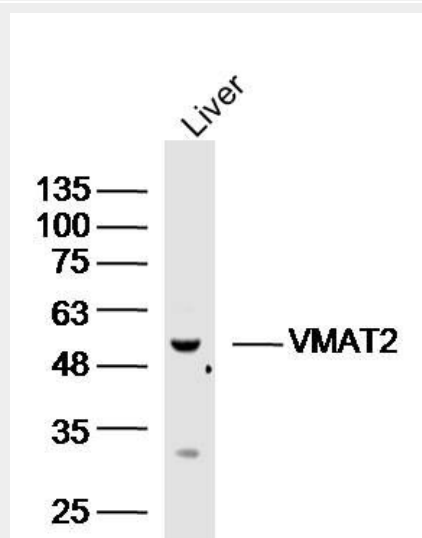
Synonyms SVMT, VMAT2

Function

Involved in the ATP-dependent vesicular transport of biogenic amine neurotransmitters. Pumps cytosolic monoamines including dopamine, norepinephrine, serotonin, and histamine



Sample: Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-VMAT2 (bs-9565R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 57 kD
Observed band size: 57 kD



Sample: Liver (Mouse) Lysate at 40 ug
Primary: Anti-VMAT2 (bs-9565R) at 1/300 dilution

into synaptic vesicles (PubMed: [23363473](http://www.uniprot.org/citations/23363473)). Requisite for vesicular amine storage prior to secretion via exocytosis.

Cellular Location

Cytoplasmic vesicle membrane; Multi-pass membrane protein

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 57 kD
Observed band size: 57 kD

VMAT2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)