

## Rabbit VMAT2 Polyclonal Antibody | anti-VMAT2 antibody

VMAT2 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY         | APPLICATIONS                                                                                      |
|-----------|--------|--------------------|---------------------------------------------------------------------------------------------------|
| AAA292203 | Rabbit | Rat, Pig, Dog, Cow | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot |

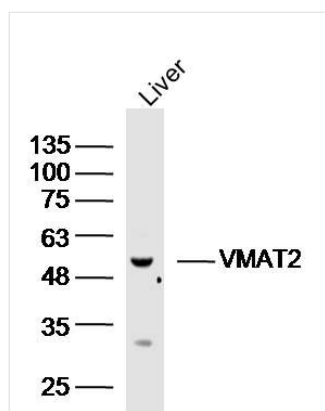
### PRODUCT SYNONYMS

VMAT2; Polyclonal Antibody; VMAT2 Polyclonal Antibody; Synaptic vesicular amine transporter; Monoamine transporter; Solute carrier family 18 member 2; Vesicular amine transporter 2; VAT2; SLC18A2; SVMT; anti-VMAT2 antibody

### PRODUCT SPECIFICATIONS

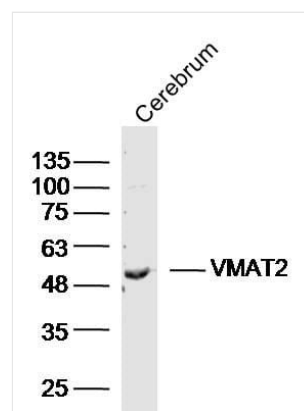
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Rat, Pig, Dog, Cow                                                                                                                                    |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                             |
| Applicable Applications for anti-VMAT2 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)                         |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

Sample: Liver (Mouse) Lysate at 40 ugPrimary: Anti-VMAT2 (bs-9565R) at 1/300 dilutionSecondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilutionPredicted band size: 57 kD  
Observed band size: 57 kD



#### WB (Western Blot)

Sample: Cerebrum (Mouse) Lysate at 40 ugPrimary: Anti-VMAT2 (bs-9565R) at 1/300 dilutionSecondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilutionPredicted band size: 57 kD  
Observed band size: 57 kD

### NCBI AND UNIPROT INFORMATION

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| NCBI GI #           | 1722742                                                |
| NCBI GeneID         | 6571                                                   |
| UniProt Accession # | Q05940; Q15876; Q4G147; Q5VW49; Q9H3P6; B2RC96; D3DRC4 |
| Molecular Weight    | 514                                                    |

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | Synaptic vesicular amine transporter                                                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | solute carrier family 18 (vesicular monoamine transporter), member 2                                                                                                                                                                                            |
| NCBI Official Symbol             | SLC18A2                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | SVAT; SVMT; VAT2; VMAT2                                                                                                                                                                                                                                         |
| NCBI Protein Information         | synaptic vesicular amine transporter; monoamine transporter; vesicular amine transporter 2; vesicle monoamine/H+ antiporter; solute carrier family 18 member 2; vesicle monoamine transporter type 2; monoamine neurotransmitter transporter; solute carrier fa |
| UniProt Protein Name             | Synaptic vesicular amine transporter                                                                                                                                                                                                                            |
| UniProt Gene Name                | <b>SLC18A2</b>                                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | SVMT; VMAT2; VAT2                                                                                                                                                                                                                                               |
| UniProt Entry Name               | VMAT2_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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