

## Rabbit SLC18A2 Polyclonal Antibody | anti-SLC18A2 antibody

SLC18A2 antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA306749</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

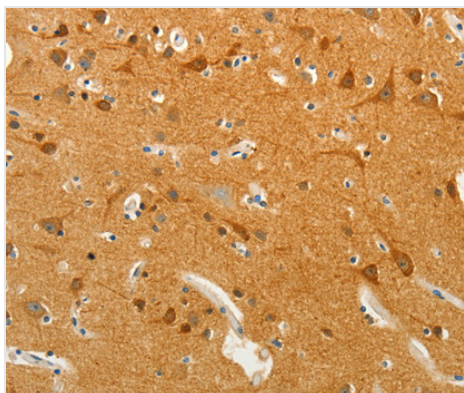
### PRODUCT SYNONYMS

SLC18A2; Polyclonal Antibody; SLC18A2 antibody; SVAT; SVMT; VAT2; VMAT2; anti-SLC18A2 antibody

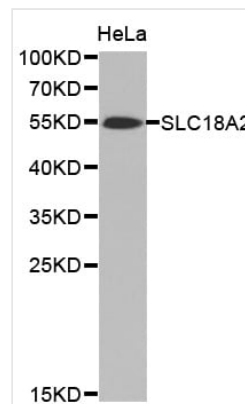
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                              |
| Reactivity                                        | Human, Mouse, Rat                                                                                                                   |
| Clonality                                         | Polyclonal                                                                                                                          |
| Specificity                                       | The antibody detects endogenous level of total SLC18A2 antibody.                                                                    |
| Purity/Purification                               | Antibodies were purified by affinity purification using immunogen.                                                                  |
| Form/Format                                       | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                     | 1.0 mg/ml (varies by lot)                                                                                                           |
| Sequence Length                                   | 514                                                                                                                                 |
| Applicable Applications for anti-SLC18A2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen Type                                    | Peptide                                                                                                                             |
| Immunogen Description                             | A synthetic peptide of human SLC18A2.                                                                                               |
| Target Name                                       | SLC18A2                                                                                                                             |
| Preparation and Storage                           | Store at -20 degree C                                                                                                               |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human brain cancer tissue using SLC18A2 antibody.


**WB (Western Blot)**

Western blot analysis of extracts of HeLa cell line, using SLC18A2 antibody.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SLC18A2 antibody | The vesicular monoamine transporter acts to accumulate cytosolic monoamines into synaptic vesicles, using the proton gradient maintained across the synaptic vesicular membrane. Its proper function is essential to the correct activity of the monoaminergic systems that have been implicated in several human neuropsychiatric disorders. The transporter is a site of action of important drugs, including reserpine and tetrabenazine. |
| Product Categories/Family for anti-SLC18A2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| NCBI GI #                        | 42476325                                                             |
| NCBI GeneID                      | 6571                                                                 |
| NCBI Accession #                 | NP_003045.2                                                          |
| NCBI GenBank Nucleotide #        | NM_003054.4                                                          |
| UniProt Accession #              | Q05940; Q15876; Q4G147; Q5VW49; Q9H3P6; B2RC96; D3DRC4               |
| Molecular Weight                 | 22,980 Da                                                            |
| 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                                 |
| UniProt Protein Name             | Synaptic vesicular amine transporter                                 |
| UniProt Gene Name                | SLC18A2                                                              |
| 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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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc18a2-antibody-immunohistochemistry-western-blot-elisa/306749>