

## SLC18A2

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:1000 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**55kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human SLC18A2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

SVAT;SVMT;VAT2;VMAT2;

**Catalog #:**A2799

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6571

**Isotype:**IgG

**Swiss Prot:**Q05940

**Purity:**Affinity purification

For research use only.

**Background:**

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 .

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