

SLC18A2

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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