

SLC18A1

Reactivity: Human

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:10 - 1:50

Calculated MW: 56kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human SLC18A1

Storage Buffer:

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

Synonym:

CGAT; VAT1; VMAT1;

Catalog #: A2798

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6570

Isotype: IgG

Swiss Prot: P54219

Purity: Affinity purification

For research use only.

Background:

The vesicular monoamine transporter acts to accumulate cytosolic monoamines into vesicles, using the proton gradient maintained across the 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 (Peter et al., 1993)

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