



Anti-SVMT (Synaptic vesicular amine transporter) Polyclonal Antibody

Category: Polyclonal Antibody

Catalog#: PAB24526

Antigen Synonym: SLC18A2(Solute carrier family 18 member 2),
VMAT2 (Vesicular amine transporter 2),
VAT2 (Monoamine transporter)

Species Reactivity: Human, Mouse, Rat

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human SVMT(Synaptic vesicular amine transporter)

Description: SVMT(Synaptic vesicular amine transporter) is involved in the ATP-dependent vesicular transport of biogenic amine neurotransmitters. Pumps cytosolic monoamines including dopamine, norepinephrine, serotonin, and histamine into synaptic vesicles. SVMT is requisite for vesicular amine storage prior to secretion via exocytosis. SVMT belongs to the major facilitator superfamily and vesicular transporter family.

Reference:

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Erickson,J.D. and Eiden,L.E., J. Neurochem. 61 (6), 2314-2317 (1993)
Peter,D., et al, Genomics 18 (3), 720-723 (1993)
Lesch,K.P., et al, J. Neural Transm. Gen. Sect. 93 (1), 75-82 (1993)
Thiriou,D.S., et al, Biochemistry 41 (20), 6346-6353 (2002)
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