

SLC18A2 RABBIT PAB

Cat.#: S213293

Product Name: Anti-SLC18A2 Rabbit Polyclonal Antibody

Synonyms: SVAT, SVMT, VAT2, VMAT2

UNIPROT ID: Q05940 (Gene Accession - NP_003045)

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 .

Immunogen: Synthetic peptide of human SLC18A2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 2000-60000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

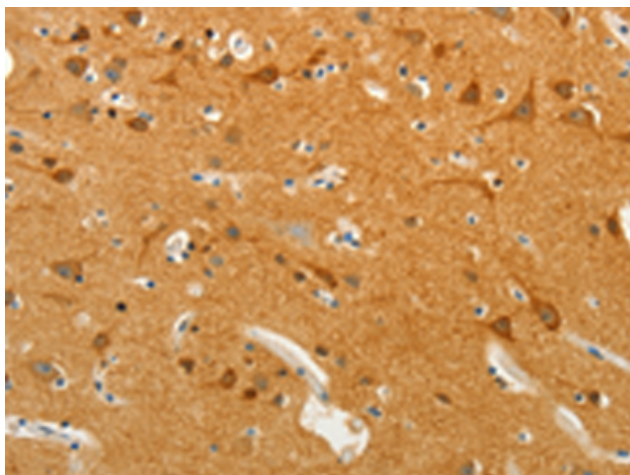
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

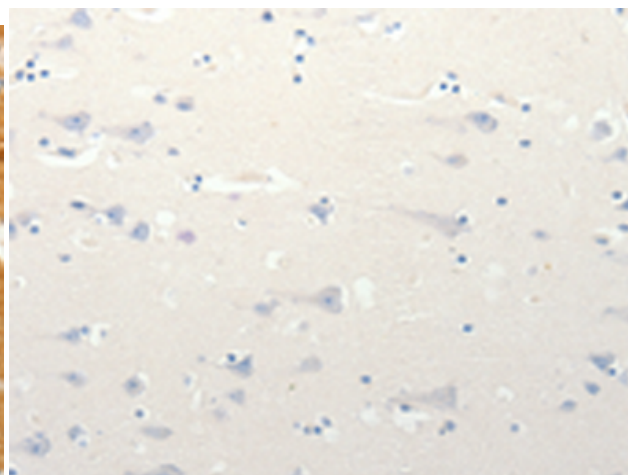
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Neuroscience

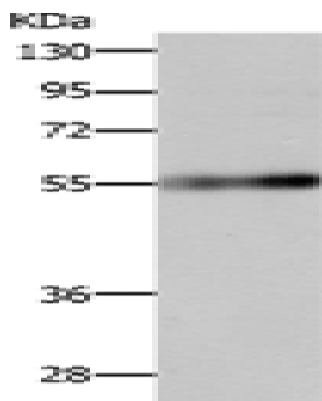
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 213293(SLC18A2 Antibody) at a dilution of 1/13(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 213293(Anti-SLC18A2 Antibody) at dilution 1/13.



Gel: 10%SDS-PAGE, Lysate: 40 µg;
Lane: Human cervical cancer tissue;
Primary antibody: 213293(SLC18A2 Antibody) at dilution 1/400;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 45 seconds