

## SLC6A3 RABBIT PAB

**Cat.#:** S219735

**Product Name:** Anti-SLC6A3 Rabbit Polyclonal Antibody

**Synonyms:** DAT; DAT1; PKDYS

**UNIPROT ID:** Q01959 (Gene Accession - NP\_001035 )

**Background:** This gene encodes a dopamine transporter which is a member of the sodium- and chloride-dependent neurotransmitter transporter family. The 3' UTR of this gene contains a 40 bp tandem repeat, referred to as a variable number tandem repeat or VNTR, which can be present in 3 to 11 copies. Variation in the number of repeats is associated with idiopathic epilepsy, attention-deficit hyperactivity disorder, dependence on alcohol and cocaine, susceptibility to Parkinson disease and protection against nicotine dependence.

**Immunogen:** Synthetic peptide of human SLC6A3

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

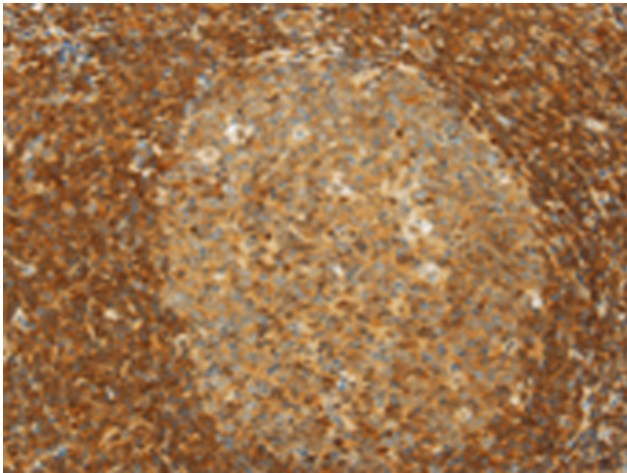
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

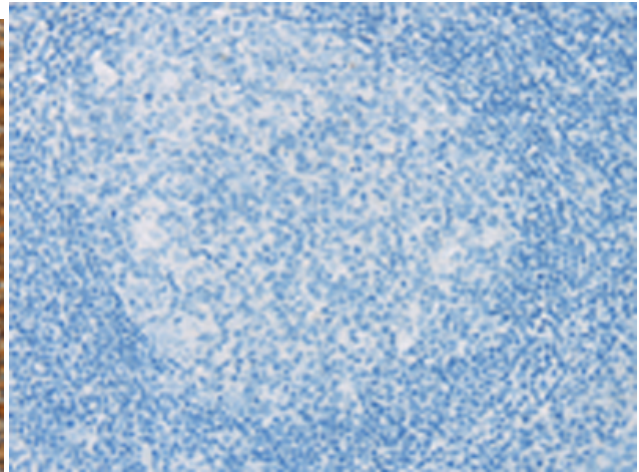
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

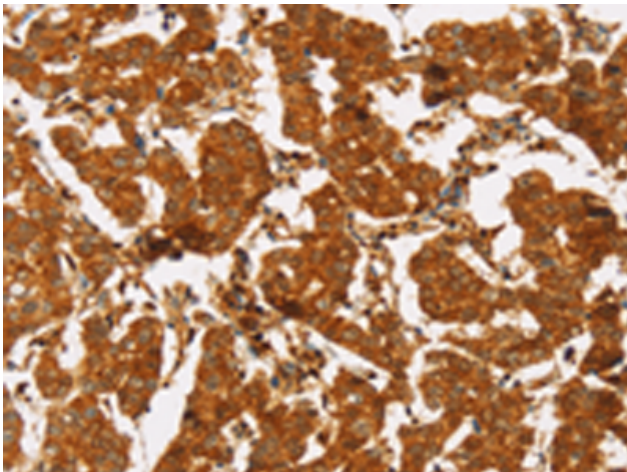
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



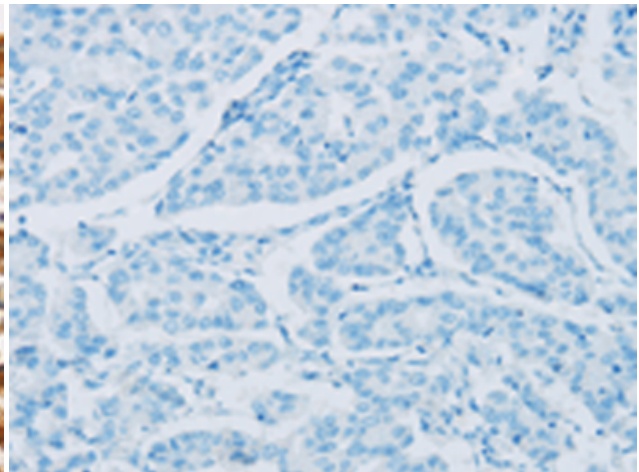
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219735(SLC6A3 Antibody) at a dilution of 1/20(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 219735(Anti-SLC6A3 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 219735(Anti-SLC6A3 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with synthetic peptide and then with D260244(Anti-SLC6A3 Antibody) at dilution 1/20.