
Anti-Human /Mouse /Rat SLC18A2 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA02928**

3th Edition

Description: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 (summary by Peter et al., 1993 [PubMed 7905859]). See also SLC18A1 (MIM 193002).SLC18A2 (Solute Carrier Family 18 Member A2) is a Protein Coding gene. Diseases associated with SLC18A2 include Brain Dopamine-Serotonin Vesicular Transport Disease and Parkinson Disease 1. Among its related pathways are Serotonergic synapse and Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds. GO annotations related to this gene include enzyme binding and transmembrane transporter activity. An important paralog of this gene is SLC18A1.

Antigen:Synthetic peptide of human SLC18A2

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: