

Product datasheet for **TA334042**

VMAT2 (SLC18A2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SLC18A2 Antibody: synthetic peptide directed towards the N terminal of human SLC18A2. Synthetic peptide located within the following region: NATRDLTLHQATQHMVTNASAVPSDCPSDKDLLNENVQVGLLFASKAT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	solute carrier family 18 member A2
Database Link:	NP_003045 Entrez Gene 6571 Human Q05940
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.
Synonyms:	SVAT; SVMT; VAT2; VMAT2



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Note: Immunogen sequence homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Dog: 86%; Guinea pig: 86%

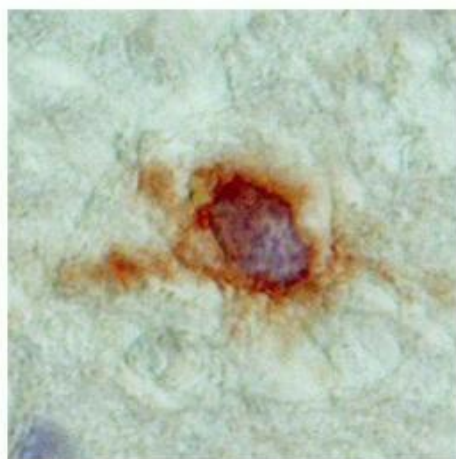
Protein Families: Transmembrane

Protein Pathways: Parkinson's disease

Product images:



WB Suggested Anti-SLC18A2 Antibody Titration:
0.2-1 ug/ml; Positive Control: Jurkat cell lysate



mouse and rat brain