

Product datasheet for **TA340105**

VAT1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-VAT1 antibody: synthetic peptide directed towards the N terminal of human VAT1. Synthetic peptide located within the following region: PPAPGPGQLTLRLRACGLNFADLMARQGLYDRLPPLPVTGMEGAGVVIA
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>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42
Gene Name:	vesicle amine transport 1
Database Link:	NP_006364 Entrez Gene 10493 Human Q99536
Background:	Synaptic vesicles are responsible for regulating the storage and release of neurotransmitters in the nerve terminal. The protein encoded by this gene is an abundant integral membrane protein of cholinergic synaptic vesicles and is thought to be involved in vesicular transport. It belongs to the quinone oxidoreductase subfamily of zinc-containing alcohol dehydrogenase proteins.



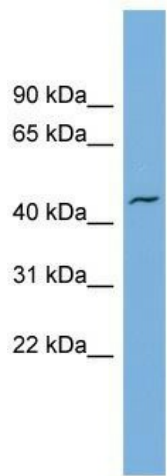
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Synonyms: VAT1

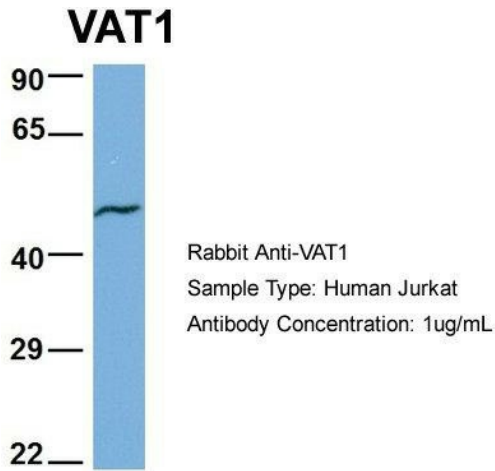
Note: Immunogen Sequence Homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Dog: 93%; Pig: 93%; Bovine: 93%; Zebrafish: 86%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-VAT1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Jurkat cell lysate VAT1 is supported by BioGPS gene expression data to be expressed in Jurkat



Host: Rabbit; Target Name: VAT1; Sample Tissue: Jurkat; Antibody Dilution: 1.0 ug/ml; VAT1 is supported by BioGPS gene expression data to be expressed in Jurkat