

Immunotag™ VMAT1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0590
Product Description	Immunotag™ VMAT1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	VMAT1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	VMAT1 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	SLC18A1 VAT1 VMAT1
Accession No.	P54219 Q8R090 Q01818

Antibody Specification

Description	solute carrier family 18 member A1(SLC18A1) Homo sapiens The vesicular monoamine transporter acts to accumulate cytosolic monoamines into vesicles, using the proton gradient maintained across the 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 (Peter et al., 1993 [PubMed 7905859]). See also SLC18A2 (MIM 193001).[supplied by OMIM, Mar 2008],
Cell Pathway/ Category	Parkinson's disease,
Protein Expression	Brain,Pheochromocytoma,
Subcellular Localization	endoplasmic reticulum membrane,integral component of plasma membrane,integral component of membrane,synaptic vesicle membrane,terminal bouton,clathrin-sculpted monoamine transport vesicle membrane,
Protein Function	function:Involved in the vesicular transport of biogenic amines.,similarity:Belongs to the major facilitator superfamily. Vesicular transporter family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.