



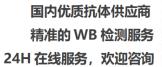
VMAT1 Polyclonal Antibody

Catalog No	BYab-05464	
Isotype	IgG	
Reactivity	Human;Mouse;Rat	
Applications	WB;ELISA	
Gene Name	SLC18A1 VAT1 VMAT1	
Protein Name	Chromaffin granule amine transporter (Solute carrier family 18 member 1) (Vesicular amine transporter 1) (VAT1)	
Immunogen	Synthesized peptide derived from part region of human protein	
Specificity	VMAT1 Polyclonal Antibody detects endogenous levels of protein.	
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.	
Source	Polyclonal, Rabbit,IgG	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.	
Dilution	WB 1:500-2000 ELISA 1:5000-20000	
Concentration	1 mg/ml	
Purity	≥90%	
Storage Stability	-20°C/1 year	
Synonyms		
Observed Band	57kD	
Cell Pathway	[Isoform 1]: Cytoplasmic vesicle membrane; Multi-pass membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Multi-pass membrane protein.; [Isoform 2]: Endoplasmic reticulum membrane; Multi-pass membrane protein.	
Tissue Specificity	Highly expressed in chromaffin cells of the adrenal medulla (at protein level). Detected in peripheral sympathetic ganglia (at protein level). Found in some paracrine cells in stomach and duodenum (at protein level).	
Function	function:Involved in the vesicular transport of biogenic amines.,similarity:Belongs to the major facilitator superfamily. Vesicular transporter family.,	
Background	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	

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网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658







	also SLC18A2 (MIM 193001).[supplied by OMIM, Mar 2008],	
matters needing attention	Avoid repeated freezing and thawing!	
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.	

Products Images

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