

# VMAT2 rabbit pAb

Cat No.:ES11255

For research use only

## Overview

Product Name	VMAT2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 1-80
Specificity	VMAT2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃ . Avoid repeated freeze-thaw cycles.
Protein Name	Synaptic vesicular amine transporter (Monoamine transporter) (Solute carrier family 18 member 2) (Vesicular amine transporter 2) (VAT2)
Gene Name	SLC18A2 SVMT VMAT2
Cellular localization	Cytoplasmic vesicle membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	56kD
Human Gene ID	6571
Human Swiss-Prot Number	Q05940
Alternative Names	
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





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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).[supplied by OMIM, Jan 2011],



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