



# VAT1 rabbit pAb

Cat No.:ES10330

For research use only

## Overview

<b>Product Name</b>	VAT1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	VAT1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Synaptic vesicle membrane protein VAT-1 homolog (EC 1.-.-.-)
<b>Gene Name</b>	VAT1
<b>Cellular localization</b>	Cytoplasm. Mitochondrion outer membrane; Peripheral membrane protein. The majority is localized in the cytoplasm and a small amount is associated with mitochondria. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	43kD
<b>Human Gene ID</b>	10493
<b>Human Swiss-Prot Number</b>	Q99536
<b>Alternative Names</b>	
<b>Background</b>	vesicle amine transport 1(VAT1) Homo sapiens 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. [provided by RefSeq, Jul 2008],

Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night

