

VAT1 rabbit pAb

Cat No.: ES10330

For research use only

Overview

Product Name VAT1 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 part region of

human protein

Specificity VAT1 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°C. Avoid repeated freeze-thaw cycles.

Protein Name Synaptic vesicle membrane protein VAT-1 homolog

(EC 1.-.-.)

Gene Name VAT1

Cellular localization Cytoplasm. Mitochondrion outer membrane;

Peripheral membrane protein. The majority is localized in the cytoplasm and a small amount is

associated with mitochondria. .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 43kD
Human Gene ID 10493
Human Swiss-Prot Number Q99536

Alternative Names

Background vesicle amine transport 1(VAT1) Homo sapiens

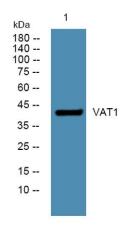
Synaptic vesicles are responsible for regulating the storage and release of neurotransmitters in the nerve terminal. The protein encoded by this gene is

an abundant integral membrane protein of



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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

