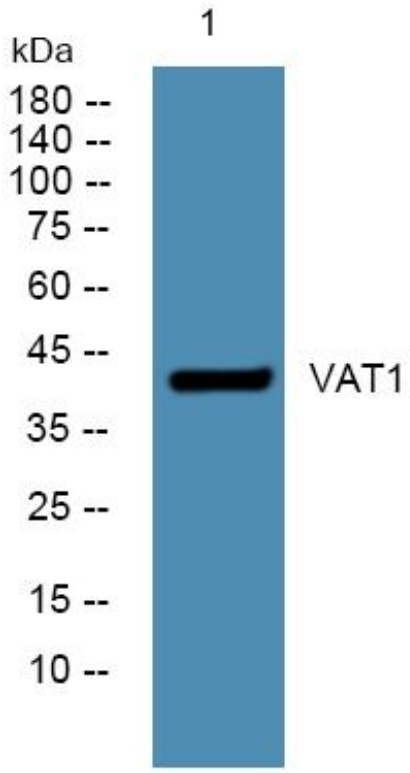
VAT1 Monoclonal Antibody

Catalog No	YP-mAb-06254
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	VAT1
Protein Name	Synaptic vesicle membrane protein VAT-1 homolog (EC 1.-.-.-)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	VAT1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	43kD
Cell Pathway	Cytoplasm. Mitochondrion outer membrane; Peripheral membrane protein. The majority is localized in the cytoplasm and a small amount is associated with mitochondria. .
Tissue Specificity	Expressed in brain. Also expressed in glioblastoma cells.
Function	similarity:Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.,
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 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],
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



Western Blot analysis of various cells using VAT1 Monoclonal Antibody