

VAT1 Polyclonal Antibody

Catalog No: #29967



Package Size: #29967-1 50ul #29967-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

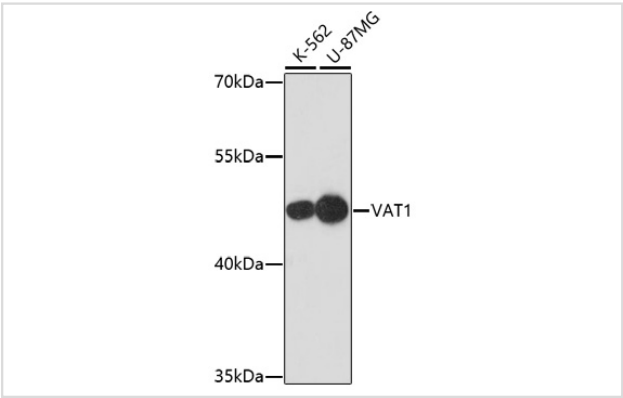
Description

Product Name	VAT1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human VAT1.
Other Names	VAT1; VATI; vesicle amine transport 1
Accession No.	Swiss-Prot#:Q99536NCBI Gene ID:10493
Uniprot	Q99536
GeneID	10493;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

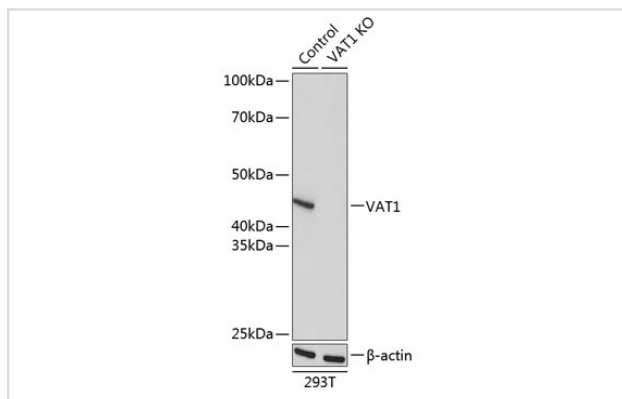
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

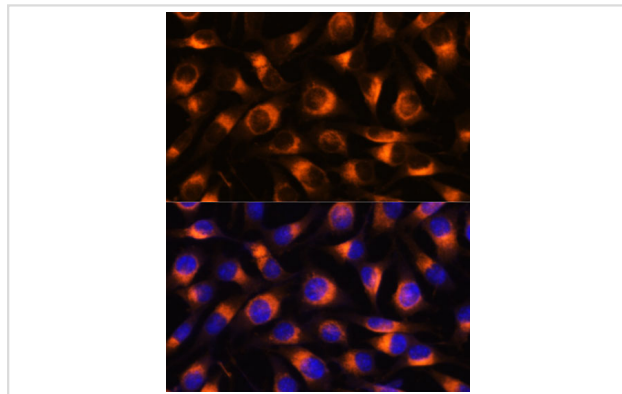
Images



Western blot analysis of extracts of various cell lines, using VAT1 at 1:1000 dilution.



Western blot analysis of extracts from normal (control) and VAT1 knockout (KO) 293T cells, using VAT1 at 1:1000 dilution.



Immunofluorescence analysis of L929 cells using VAT1 at dilution of 1:100. Blue: DAPI for nuclear staining.

Background

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.

Note: This product is for in vitro research use only