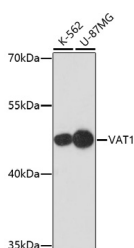


(KO Validated) VAT1 Polyclonal Antibody

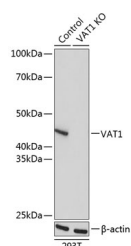
Catalog No.	E-AB-67041	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

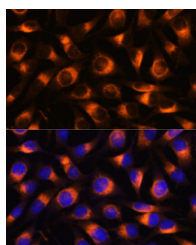
Images



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



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



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

Immunogen Information

Immunogen	A synthetic peptide of human VAT1.
GeneID	10493
Swissprot	Q99536
Synonyms	VAT1, VATI

Product Information

Calculated MW	28kDa/34kDa/41kDa
Observed MW	42kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IF 1:50-1:200

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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.