(KO Validated) VAT1 Polyclonal Antibody

Catalog No. E-AB-67041

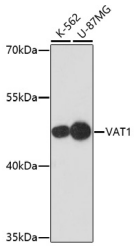
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

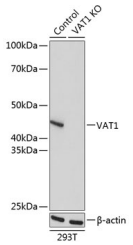
Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human VAT1.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

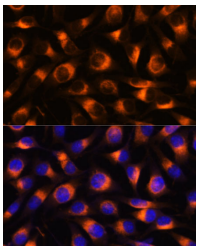
Data



Western blot analysis of extracts of various cell lines using VAT1 Polyclonal Antibody at dilution of 1:1000.
Observed Mw:42kDa
Calculated Mw:28kDa/34kDa/41kDa



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.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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