

Rabbit anti-Human VAT1 Polyclonal Antibody | anti-VAT1 antibody

Rabbit anti-VAT1 Antibody, Affinity Purified

CATALOG # AAA213325	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

VAT1; Polyclonal Antibody; Rabbit anti-VAT1 Antibody; Affinity Purified; membrane protein of cholinergic synaptic vesicles; synaptic vesicle membrane protein VAT-1 homolog; VAT1; vesicle amine transport protein 1 homolog (T. californica); Synaptic vesicle membrane protein VAT-1 homolog; vesicle amine transport 1; anti-VAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-VAT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human VAT1 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-VAT1 antibody AAA213325 (lot AAA213325-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human VAT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-VAT1 antibody AAA213325 (lot AAA213325-1) used for IP at 6 ug per reaction. VAT1 was also immunoprecipitated by rabbit anti-VAT1 antibody For blotting immunoprecipitated VAT1, AAA213325 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-VAT1 antibody	Vesicle amine transport 1 (VAT1) 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 [taken from NCBI Entrez Gene (Gene ID: 10493)].
Product Categories/Family for anti-VAT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18379349
NCBI GeneID	10493
NCBI Accession #	NP_006364.2
NCBI GenBank Nucleotide #	NM_006373.3
UniProt Accession #	Q99536; Q13035; Q5BKZ7; Q96A39; Q9BUT8; A8K345; B0AZP7; B4DPX4
Molecular Weight	34,890 Da
NCBI Official Full Name	synaptic vesicle membrane protein VAT-1 homolog
NCBI Official Synonym Full Names	vesicle amine transport 1
NCBI Official Symbol	VAT1
NCBI Official Synonym Symbols	VATI
NCBI Protein Information	synaptic vesicle membrane protein VAT-1 homolog; membrane protein of cholinergic synaptic vesicles; vesicle amine transport protein 1 homolog (T. californica)
UniProt Protein Name	Synaptic vesicle membrane protein VAT-1 homolog
UniProt Gene Name	VAT1
UniProt Entry Name	VAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vat1-antibody-immunoprecipitation-western-blot-elisa/213325>