

Rabbit VAT1 Polyclonal Antibody | anti-VAT1 antibody

VAT1 antibody - N-terminal region

CATALOG # AAA200218	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

VAT1; Polyclonal Antibody; VAT1 antibody - N-terminal region; anti-VAT1 antibody

PRODUCT SPECIFICATIONS

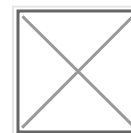
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PP APGPGQLTLR LRACGLNFAD LMARQGLYDR LPPLPVTPGM EGAGVVIA
Sequence Length	393
Applicable Applications for anti-VAT1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human VAT1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



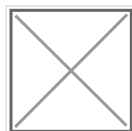
WB (Western Blot)

WB Suggested Anti-VAT1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate
VAT1 is supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

Host: Rabbit
Target Name: VAT1
Sample Type: Jurkat
Antibody Dilution: 1.0ug/ml
VAT1 is supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

Host: Rabbit
Target Name: VAT1
Sample Tissue: Human HepG2 Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-VAT1 antibody	This is a rabbit polyclonal antibody against VAT1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-VAT1 antibody	Polyclonal; Developmental Biology; Various; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	18379349
NCBI GeneID	10493
NCBI Accession #	NP_006364
NCBI GenBank Nucleotide #	NM_006373
UniProt Accession #	Q99536
Molecular Weight	42
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
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-western-blot-elisa/200218>