

Rabbit SLC18A1 Polyclonal Antibody | anti-SLC18A1 antibody

SLC18A1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198000	Rabbit	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

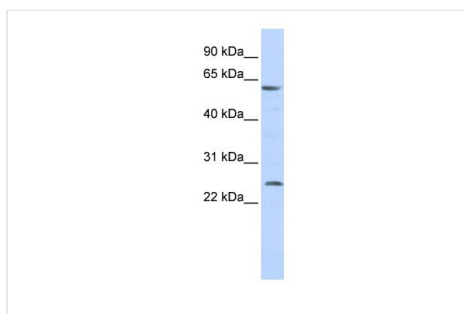
PRODUCT SYNONYMS

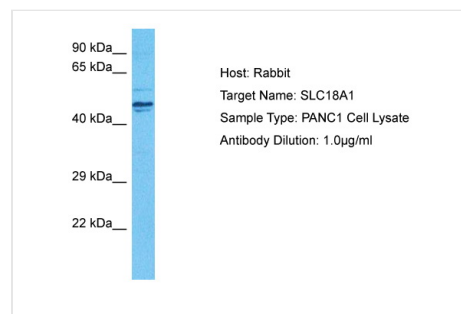
SLC18A1; Polyclonal Antibody; SLC18A1 antibody - middle region; anti-SLC18A1 antibody

PRODUCT SPECIFICATIONS

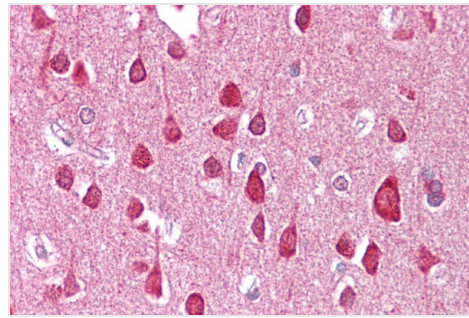
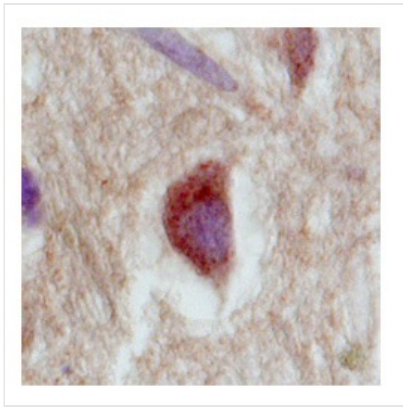
Host	Rabbit
Reactivity	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YY LRSPPAKEEK LAILSQDCPM ETRMYATQKP TKEFPLGEDS DEEPDHEE
Sequence Length	525
Applicable Applications for anti-SLC18A1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Guinea Pig: 86%; Horse: 92%; Human: 100%; Mouse: 85%; Rabbit: 91%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC18A1
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-SLC18A1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: 293T cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: SLC18A1
Sample Type: PANC1 Cell Lysate
Antibody Dilution: 1.0 µg/ml



IHC (Immunohistochemistry)
Sample Type: Human brainBrain, cortex

IHC (Immunohistochemistry)
Immunohistochemistry with Brain, cortex tissue at an antibody concentration of 2.5ug/ml using anti-SLC18A1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SLC18A1 antibody	This is a rabbit polyclonal antibody against SLC18A1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The vesicular monoamine transporter acts to accumulate cytosolic monoamines into vesicles, using the proton gradient maintained across the vesicular membrane. Its proper function is essential to the correct activity of the monoaminergic systems that have been implicated in several human neuropsychiatric disorders. The transporter is a site of action of important drugs, including reserpine and tetrabenazineThe vesicular monoamine transporter acts to accumulate cytosolic monoamines into vesicles, using the proton gradient maintained across the vesicular membrane. Its proper function is essential to the correct activity of the monoaminergic systems that have been implicated in several human neuropsychiatric disorders. The transporter is a site of action of important drugs, including reserpine and tetrabenazine (Peter et al., 1993 [PubMed 7905859]). See also SLC18A2 (MIM 193001).[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-SLC18A1 antibody	Polyclonal ; Membrane Protein ; Neuroscience ; Membrane & Traffic ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506987
NCBI GeneID	6570
NCBI Accession #	NP_003044
NCBI GenBank Nucleotide #	NM_003053
UniProt Accession #	P54219
Molecular Weight	56kDa
NCBI Official Full Name	chromaffin granule amine transporter isoform a
NCBI Official Synonym Full Names	solute carrier family 18 member A1
NCBI Official Symbol	SLC18A1
NCBI Official Synonym Symbols	CGAT; VAT1; VMAT1
NCBI Protein Information	chromaffin granule amine transporter
UniProt Protein Name	Chromaffin granule amine transporter
UniProt Gene Name	SLC18A1
UniProt Synonym Gene Names	VAT1; VMAT1; VAT1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc18a1-antibody-western-blot-immunohistochemistry-elisa/198000>