

Rabbit anti-Human, Mouse SLC18A2 Polyclonal Antibody | anti-SLC18A2 antibody

SLC18A2 Antibody

CATALOG # AAA232678	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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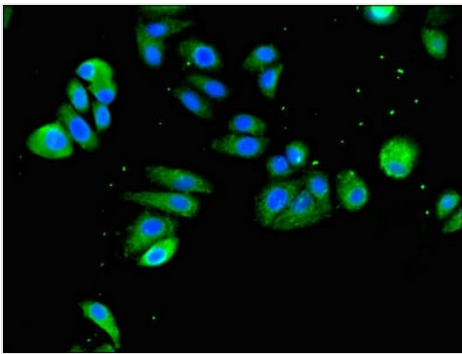
PRODUCT SYNONYMS

SLC18A2; Polyclonal Antibody; SLC18A2 Antibody; Synaptic vesicular amine transporter; Monoamine transporter; Solute carrier family 18 member 2; Vesicular amine transporter 2; VAT2; SVMT; VMAT2; anti-SLC18A2 antibody

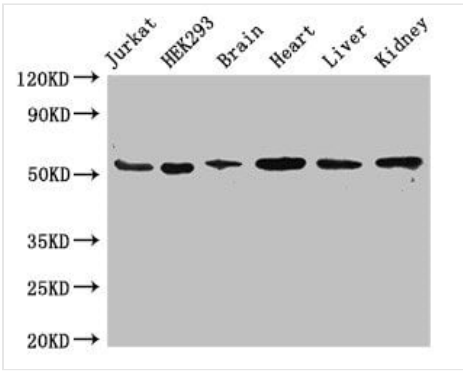
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	514
Applicable Applications for anti-SLC18A2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Synaptic vesicular amine transporter protein (463-514AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-15314 / sc-7721 / sc-7722
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA232678 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western BlotPositive WB detected in: Jurkat whole cell lysate,HEK293 whole cell lysate,Mouse brain tissue,Mouse heart tissue,Mouse liver tissue,Mouse kidney tissueAll lanes: SLC18A2 antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 56,23 KDaObserved band size: 56 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SLC18A2 antibody	Involved in the ATP-dependent vesicular transport of biogenic amine neurotransmitters. Pumps cytosolic monoamines including dopamine, norepinephrine, serotonin, and histamine into synaptic vesicles. Requisite for vesicular amine storage prior to secretion via exocytosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42476325
NCBI GeneID	6571
NCBI Accession #	NP_003045.2
NCBI GenBank Nucleotide #	NM_003054.4
UniProt Accession #	Q05940; Q15876; Q4G147; Q5VW49; Q9H3P6; B2RC96; D3DRC4
Molecular Weight	22,980 Da
NCBI Official Full Name	synaptic vesicular amine transporter
NCBI Official Synonym Full Names	solute carrier family 18 member A2
NCBI Official Symbol	SLC18A2
NCBI Official Synonym Symbols	SVAT; SVMT; VAT2; VMAT2
NCBI Protein Information	synaptic vesicular amine transporter
UniProt Protein Name	Synaptic vesicular amine transporter
UniProt Gene Name	SLC18A2
UniProt Synonym Gene Names	SVMT; VMAT2; VAT2
UniProt Entry Name	VMAT2_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.