

Rabbit SV2A Polyclonal Antibody | anti-SV2A antibody

SV2A antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199771	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

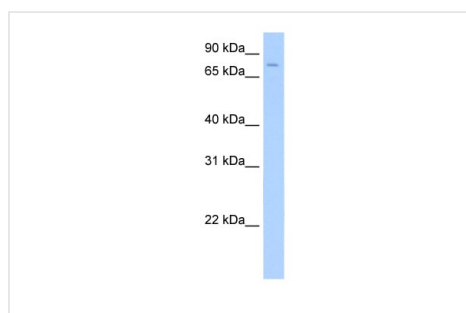
PRODUCT SYNONYMS

SV2A; Polyclonal Antibody; SV2A antibody - middle region; anti-SV2A antibody

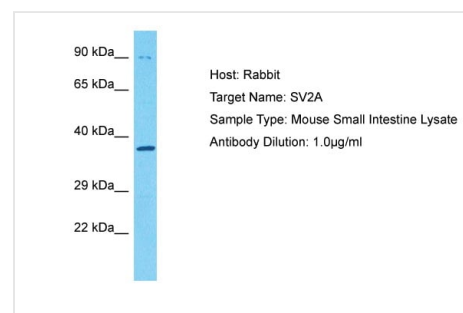
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, 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: LE NQIHRRGGQYF NDKFIGLRLLK SVSFEDSLFE ECYFEDVTSS NTFFRNCT
Sequence Length	742
Applicable Applications for anti-SV2A antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SV2A
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.

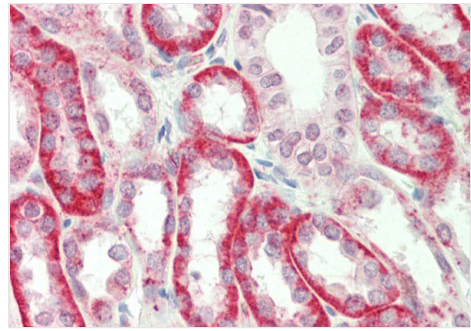
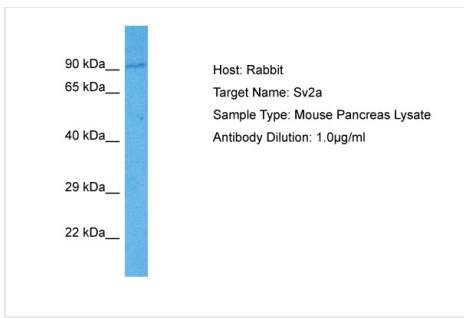
IMAGES


WB (Western Blot)

WB Suggested Anti-SV2A Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain


WB (Western Blot)

Host: Rabbit Target Name: SV2A Sample Tissue: Rodent Mouse Small Intestine Antibody Dilution: 1ug/ml

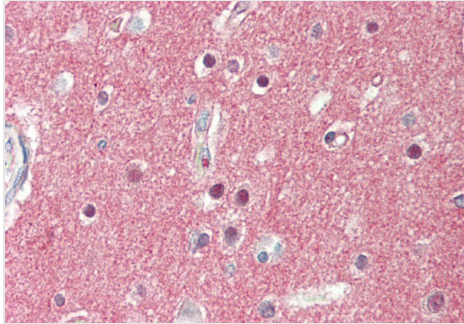


WB (Western Blot)

Host: Mouse Target Name: SV2A Sample Tissue: Mouse Pancreas Antibody Dilution: 1ug/ml

IHC (Immunohistochemistry)

Rabbit Anti-SV2A antibody Formalin Fixed Paraffin Embedded Tissue: Human Kidney Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-SV2A antibody Formalin Fixed Paraffin Embedded Tissue: Human Brain, Cortex Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-SV2A antibody	This is a rabbit polyclonal antibody against SV2A. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: SV2A plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. It positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles.
Product Categories/Family for anti-SV2A antibody	Polyclonal; Membrane Protein; Neuroscience; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	216548223
NCBI GeneID	9900
NCBI Accession #	NP_055664
NCBI GenBank Nucleotide #	NM_014849
UniProt Accession #	Q7L0J3
Molecular Weight	83kDa
NCBI Official Full Name	synaptic vesicle glycoprotein 2A isoform 1
NCBI Official Synonym Full Names	synaptic vesicle glycoprotein 2A
NCBI Official Symbol	SV2A
NCBI Official Synonym Symbols	SV2

NCBI Protein Information	synaptic vesicle glycoprotein 2A
UniProt Protein Name	Synaptic vesicle glycoprotein 2A
UniProt Gene Name	SV2A
UniProt Synonym Gene Names	KIAA0736
UniProt Entry Name	SV2A_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/sv2a-antibody-western-blot-elisa/199771>