SV2A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SV2A, Polyclonal Antibody
Full Product Name	SV2A Polyclonal Antibody Cy3 Conjugated
Product Gene Name	anti-SV2A antibody
Product Synonym Names	SV2; Synaptic vesicle glycoprotein 2A; SV2A; KIAA0736; PSEC0174
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Purity/Purification	Purified by Protein A
Concentration	1mgml (lot specific)
Preparation and Storage	Store at 4 degree C for 12 months.
Molecular Weight	76,619 Da
OMIM	185860
3D Structure	ModBase 3D Structure for Q7L0J3
Conjugation	Cy3
Excitation Emission	512,550nm 570,615nm
Immunogen	KLH conjugated synthetic peptide aa 480-530 742 derived from human SV2A
Product Categories/Family for anti-SV2A antibody	Conjugated Primary Antibodies
Applications Tested/Suitable for anti-SV2A antibody	Immunofluorescence (IF)
Application Notes for anti-SV2A antibody	IF: 1:50-200
Related Product Information for anti-SV2A antibody	Plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles (By similarity).
Other Notes	Small volumes of anti-SV2A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SV2A purchase	MBS9461014 is an antibody targeting SV2A. Also known as SV2A Polyclonal Antibody Cy3 Conjugated. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SV2A. It may not necessarily be applicable to this product.

NCBI GI #	216548223
NCBI GeneID	9900
NCBI Accession #	NP_055664.3
UniProt Primary Accession #	Q7L0J3
UniProt Secondary Accession #	O94841; Q5QNX8; Q7Z3L6; Q8NBJ6; Q9BVZ9; D3DUZ7
UniProt Related Accession #	Q7L0J3
GenBank Nucleotide #	NM_014849.4
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
UniProt Protein Name	Synaptic vesicle glycoprotein 2A
Protein Family	Synaptic vesicle glycoprotein
UniProt Gene Name	SV2A
UniProt Synonym Gene Names	KIAA0736
UniProt Entry Name	SV2A_HUMAN
NCBI Protein Information	synaptic vesicle glycoprotein 2A
Research Articles on SV2A	**1.** the way LEV analogues may interact with SV2A
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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