

## SV2A Conjugated Antibody

Catalog No: #C37263



Package Size: #C37263-AF350 100ul #C37263-AF405 100ul #C37263-AF488 100ul  
 #C37263-AF555 100ul #C37263-AF594 100ul #C37263-AF647 100ul  
 #C37263-AF680 100ul #C37263-AF750 100ul #C37263-Biotin 100ul

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## Description

Product Name	SV2A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total SV2A protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human synaptic vesicle glycoprotein 2A
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SV2
Accession No.	Swiss-Prot#:Q7L0J3NCBI Gene ID:9900NCBI Protein#:NP_872295
Uniprot	Q7L0J3
GeneID	9900;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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This protein 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. It is identified as the brain binding-site for the antiepileptic drug levetiracetam/lev.

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Note: This product is for in vitro research use only