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## Datasheet for ABIN185715 anti-SV2A antibody (Internal Region)

5 Images



#### Overview

Quantity:	100 µg
Target:	SV2A
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SV2A antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

### Product Details

Purpose:	SV2A
Immunogen:	Peptide with sequence C-TVELYPSDKRTTA, from the internal region of the protein sequence according to NP_055664.3.
Sequence:	TVELYPSDKR TTA
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	SV2A
Alternative Name:	SV2A (SV2A Products)
Background:	SV2A, synaptic vesicle glycoprotein 2A, KIAA0736, SV2 , synaptic vesicle glycoprotein 2
Gene ID:	9900, 64051, 117559
NCBI Accession:	NP_055664, NP_001265648
Application Details	
Application Notes:	Western Blot: Preliminary testing showed a band at approx 80 kDa in Mouse and Rat Brain lysate after 1.5 µg/mL antibody staining (calculated MW of 82.6 kDa according to Mouse NP_071313.1 and Rat NP_476558.2). Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:1000.
Comment:	<b>Immunofluorescence:</b> Strong expression of the protein seen in the cytoplasm of U2OS and KNRK cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

Minimize freezing and thawing.

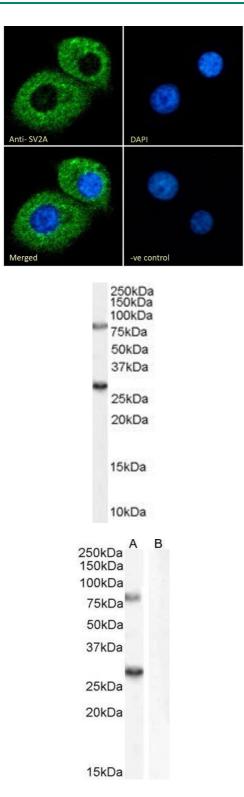
at 4°C for a few weeks and still remain viable.

-20 °C

Handling Advice:

Storage Comment:

Storage:



#### Immunofluorescence

**Image 1.** (ABIN185715) Immunofluorescence analysis of paraformaldehyde fixed KNRK cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10  $\mu$ g/mL) followed by Alexa Fluor 488 secondary antibody (2  $\mu$ g/mL), showing cytoplasmic staining. The nuclear stain is DAPI (b

**Image 2.** ABIN185715 (0.3µg/ml) staining of rat brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Western Blotting
Image 3. ABIN185715 (0.3µg/ml) staining of Rat Brain (A) +
peptide (B) lysate (35µg protein in RIPA buffer). Detected by
chemiluminescence.

Please check the product details page for more images. Overall 5 images are available for ABIN185715.

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