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Research Use Only. Not for diagnostic or therapeutic use.

EB07430 - Goat Anti-SV2A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SV2A, synaptic vesicle glycoprotein 2A, KIAA0736, SV2, synaptic

vesicle glycoprotein 2
Official Symbol: SV2A

Accession Number(s): NP_055664.3; NP_001265648.1

Human GeneID(s): 9900

Non-Human GenelD(s): 64051 (mouse), 117559 (rat)

Immunogen

Peptide with sequence C-TVELYPSDKRTTA, from the internal region of the protein sequence according to NP_055664.3; NP_001265648.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

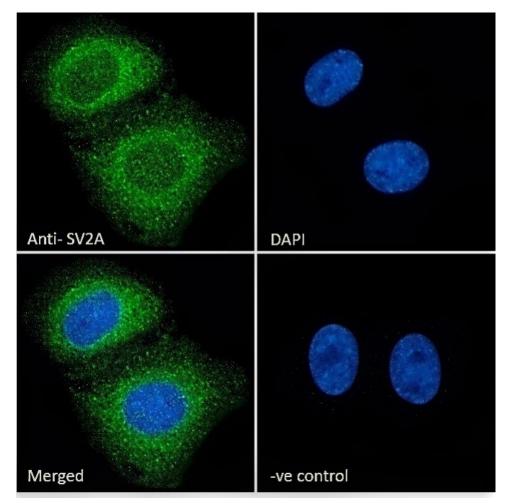
Western blot: Preliminary testing showed a band at approx 80kDa in Mouse and Rat Brain lysate after 1.5µg/ml antibody staining (calculated MW of 82.6kDa according to Mouse NP_071313.1 and Rat NP_476558.2). Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U2OS and KNRK cells. Recommended concentration: 10µg/ml.

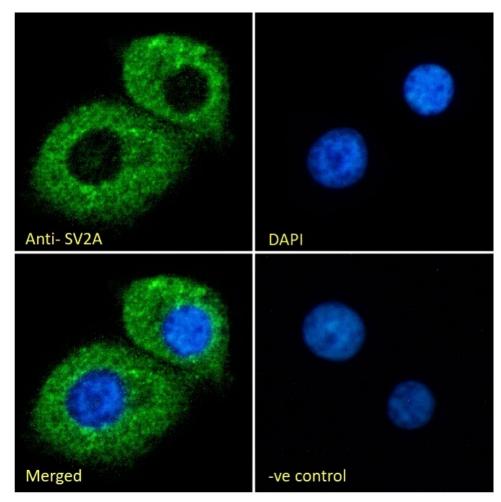
Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB07430 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07430 Immunofluorescence analysis of paraformaldehyde fixed KNRK cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).