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Research Use Only. Not for diagnostic or therapeutic use.

EB09821 - Goat Anti-SYVN1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HRD1, KIAA1810, MGC40372, synovial apoptosis inhibitor 1,

synoviolin, synoviolin 1, SYVN1 **Official Symbol:** SYVN1

Accession Number(s): NP_115807.1; NP_757385.1

Human GenelD(s): 84447

Non-Human GenelD(s): 361712 (rat)

Important Comments: This antibody is expected to recognize isoforms a and b

(NP_115807.1; NP_757385.1).

Immunogen

Peptide with sequence C-HERQHLEARLQS, from the internal region of the protein sequence according to NP_115807.1; NP_757385.1.

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 1:32000.

Western blot: Approx 70kDa band observed in Human Cerebellum and Rat Lung lysates (calculated MW of 67.6kDa according to Human NP_115807.1 and 66.9kDa according to Rat NP_001094209.1). Recommended concentration: 1-3μg/ml. Primary incubation 1 hour at room temperature

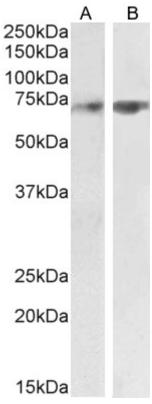
Immunofluorescence: Strong expression of the protein seen in the nuclei and endoplasmic reticulum of A431 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

Species Reactivity

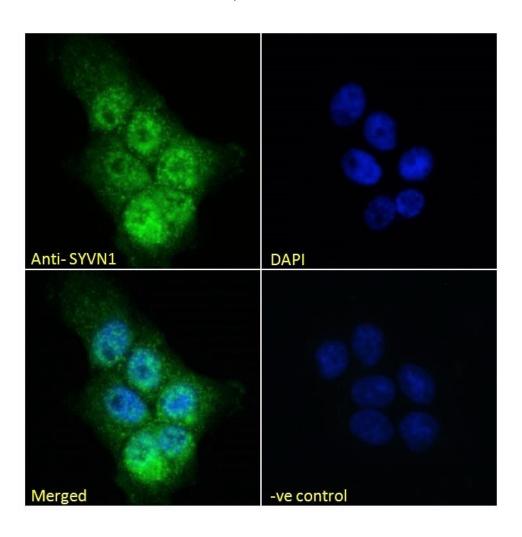
Tested: Human, Rat

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

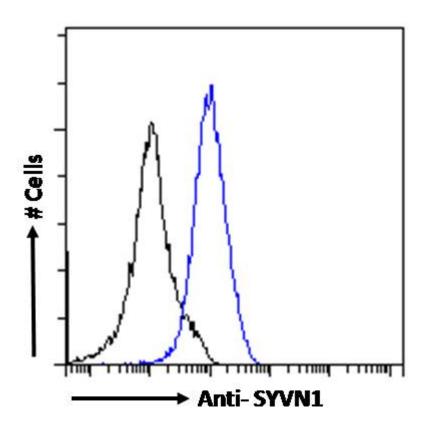


EB09821 (2μg/ml) staining of Human Cerebellum (A) and Rat Lung (B) lysate (35μg protein in RIPA buffer).

Detected by chemiluminescence.



EB09821 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09821 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.