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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09775 - Goat Anti-SRGAP2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SRGAP2, FNBP2, formin binding protein 2, KIAA0456, SLIT-ROBO
Rho GTPase activating protein 2, srGAP3

Official Symbol: SRGAP2

Accession Number(s): NP_056141.2

Human GeneID(s): [23380](#)

Non-Human GeneID(s): 14270 (mouse), 360840 (rat)

Important Comments: This antibody is expected to recognize isoform a (NP_056141.2).

Immunogen

Peptide with sequence C-KQEDRQTPRSPDST, from the internal region of the protein sequence according to NP_056141.2.

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 1:8000.

Western blot: Approx 124kDa band observed in lysates of cell line HeLa and in rat primary culture cortical neurons at Day 4 (calculated MW of 121kDa according to human NP_056141.2 but the rat protein sequence is still provisional). Recommended concentration: 0.1-0.3µg/ml.

Immunofluorescence: Transfected HEK293 transiently expressing GFP-tagged Human srGAP2 with the primary antibody stained in the red channel (Confocal IF).

Species Reactivity

Tested: Human

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

EB09775 (0.1µg/ml) staining of Rat Cortical Neuron lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. Data kindly provided by Ms. Ya-Jing Mi and Dr.Wei-Lin Jin, Institute of Neurosciences, Shanghai Jiao Tong University.

HEK293 overexpressing Human srGAP2 and probed with EB09775 at 2.5ug/ml in the right panel. Data kindly provided by Ms. Ya-Jing Mi and Dr.Wei-Lin Jin, Institute of Neurosciences, Shanghai Jiao Tong University.