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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 GenelD(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.

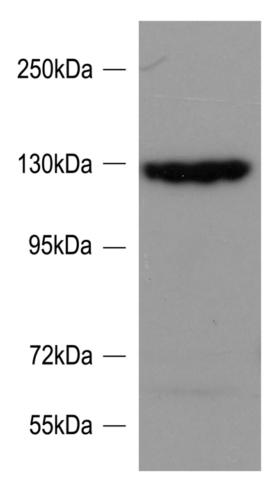
**Western blot:** Approx 124kDa band observed in lysates of cell line HeLa and in rat primary culture cortical neurons at Day 4 (calculated MW of 121kDa according to human NP\_056141.2 but the rat protein sequence is stlll provisional). Recommended concentration: 0.1-0.3µg/ml.

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

### **Species Reactivity**

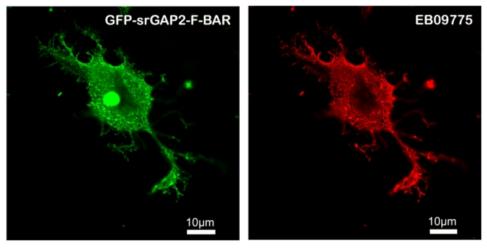
Tested: Human

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



IB: EB09775

EB09775 (0.1µg/ml) staining of Rat Cortical Neuron Iysate (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.