

Goat anti-SRGAP2 Antibody

Item Number	dAP-2186
Target Molecule	Principle Name: SRGAP2; Official Symbol: SRGAP2; All Names and Symbols: SRGAP2; SLIT-ROBO Rho GTPase activating protein 2; FNBP2; KIAA0456; srGAP3; formin binding protein 2; Accession Number (s): NP_056141.2; Human Gene ID(s): 23380; Non-Human GeneID(s): 14270 (mouse) 360840 (rat)
Immunogen	KQEDRQTPRSPDST, is from internal region This antibody is expected to recognize isoform a (NP_056141.2).
Applications	Pep ELISA, IF Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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
IHC	
Reference	Reference(s): Jin J, Smith FD, Stark C, Wells CD, Fawcett JP, Kulkarni S, Metalnikov P, O'Donnell P, Taylor P, Taylor L, Zougman A, Woodgett JR, Langeberg LK, Scott JD, Pawson T, Proteomic, functional, and domain-based analysis of in vivo 14-3-3 binding proteins involved in cytoskeletal regulation and cellular

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**