

Goat anti-SYNGAP1 (aa1169-1183) Antibody

Item Number	dAP-2537
Target Molecule	Principle Name: SYNGAP1 (aa1169-1183); Official Symbol: SYNGAP1; All Names and Symbols: SYNGAP1; synaptic Ras GTPase activating protein 1; DKFZp761G1421; KIAA1938; MRD5; RASA1; RASA5; SYNGAP; OTTHUMP00000209046; neuronal RasGAP; ras GTPase-activating protein SynGAP; synaptic Ras GTPase activating protein 1 homolog; synaptic Ras GTPase activa; Accession Number (s): NP_006763.2; Human Gene ID(s): 8831; Non-Human GeneID(s): 240057 (mouse) 192117 (rat)
Immunogen	ESAHIEREEYKLKEY, is from internal region (near C Terminus)
Applications	Pep ELISA, WB Species Tested: Mouse
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 32000.
Western Blot	Western Blot: Approx 150kDa band observed in Mouse Brain lysates (calculated MW of 148kDa according to Human NP_006763.2 and Mouse XP_990642.3). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Rumbaugh G, Adams JP, Kim JH, Haganir RL. SynGAP regulates synaptic strength and mitogen-activated protein kinases in cultured neurons. Proc Natl Acad Sci U S A. 2006 Mar 21;103(12):4344-51..16537406->

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**