

Goat anti-IQGAP1 Antibody

Item Number	dAP-2087
Target Molecule	Principle Name: IQGAP1; Official Symbol: IQGAP1; All Names and Symbols: IQGAP1; IQ motif containing GTPase activating protein 1; HUMORFA01; KIAA0051; SAR1; p195; RasGAP-like with IQ motifs; Accession Number (s): NP_003861.1; Human Gene ID(s): 8826; Non-Human GenelD(s): 29875 (mouse) 361598 (rat)
Immunogen	KRQSGQTDPLQKEE, is from internal region
Applications	Pep ELISA, WB 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 16000.
Western Blot	Western Blot: Approx 200kDa band observed in Human Kidney lysates (calculated MW of 189kDa according to NP_003861.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Ren JG, Li Z, Sacks DB, IQGAP1 integrates Ca2+/calmodulin and B-Raf signaling. The Journal of biological chemistry 2008 Aug 283 (34): 22972-82.. PMID: 18567582->

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 end users! This product is sold for **Research Use Only**