

## Goat anti-IQGAP1 Antibody

<b>Item Number</b>	dAP-2087
<b>Target Molecule</b>	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 GeneID(s): 29875 (mouse) 361598 (rat)
<b>Immunogen</b>	KRQSGQTDPLQKEE, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 200kDa band observed in Human Kidney lysates (calculated MW of 189kDa according to NP_003861.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ren JG, Li Z, Sacks DB, IQGAP1 integrates Ca <sup>2+</sup> /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 ender users! This product is sold for **Research Use Only**