

Goat anti-PAPIN / PDZK3 Antibody

Item Number	dAP-0294
Target Molecule	Principle Name: PAPIN / PDZK3; Official Symbol: PDZD2; All Names and Symbols: PDZD2; PDZK3; PA-PIN; KIAA0300; PDZ domain containing 3; PDZ domain containing 2; likely ortholog of rat plakophilin-related armadillo repeat protein-interacting PDZ protein; PDZ domain containing 2; AIPC; PIN1; activated in prostate cancer protein; plakop; Accession Number (s): NP_835260.2; Human Gene ID(s): 23037; Non-Human GeneID(s):
Immunogen	PITQDNAVLHLPLC, is from N Terminus
Applications	Pep ELISA Species Tested:
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: Preliminary experiments gave no signal but low background in HeLa and A431 extracts at up to 1µg/ml. Please note that we would not expect our routine western blot protocol to reliably detect proteins as large as the predicted size of this
IHC	
Reference	Reference(s): Deguchi M, Iizuka T, Hata Y, Nishimura W, Hirao K, Yao I, Kawabe H, Takai Y. PAPIN. A novel multiple PSD-95/Dlg-A/ZO-1 protein interacting with neural plakophilin-related armadillo repeat protein/delta-catenin and p0071. <i>J Biol Chem.</i> 2000 Sep 22;275(38):29875-80.. PMID: 10896674 ->

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**