

Goat anti-GPS1 / COPS1 Antibody

Item Number	dAP-0196
Target Molecule	Principle Name: GPS1 / COPS1; Official Symbol: GPS1; All Names and Symbols: GPS1; COPS1; G protein pathway suppressor 1; Arabidopsis FUS6/COP11 homolog; CSN1; MGC71287;; Accession Number (s): NP_997657.1; NP_004118.3; Human Gene ID(s): 2873; Non-Human GeneID(s): 209318 (mouse) 117039 (rat)
Immunogen	PANSQSRMSTNM, is from C Terminus This antibody is expected to recognise isoform 1 (NP_997657.1) and isoform 2 (NP_004118.3).
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 32000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Testis lysate (predicted MW of 58kDa according to NP_004118). Recommended for use at 0.5µg/ml.
IHC	
Reference	Reference(s): Spain BH, Bowdish KS, Pacal AR, Staub SF, Koo D, Chang CY, Xie W, Colicelli J. Two human cDNAs, including a homolog of Arabidopsis FUS6 (COP11), suppress G-protein- and mitogen-activated protein kinase-mediated signal transduction in yeast and mammalian cells. Mol Cell Biol. 1996

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**