

Goat anti-PIST / FIG / GOPC Antibody

Item Number	dAP-0277
Target Molecule	Principle Name: PIST / FIG / GOPC; Official Symbol: GOPC; All Names and Symbols: PIST; GOPC; CAL; PDZ/coiled-coil domain binding partner for the rho-family GTPase TC10; fused in glioblastoma; CFTR-associated ligand; Golgi associated PDZ and coiled-coil motif containing protein; golgi associated PDZ and coiled-coil motif containing; CA; Accession Number (s): NP_065132.1; NP_001017408.1; Human Gene ID (s): 57120; Non-Human GeneID(s):
Immunogen	LDDLHTLYHKKSYS, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_065132.1; NP_001017408.1).
Applications	Pep ELISA, WB, IF 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 128000.
Western Blot	Western Blot: Approx. 55kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 50.5kDa according to NP_065132.1). Recommended concentration: 0.05-0.2µg/ml.
IHC	
Reference	Reference(s): Neudauer CL, Joberty G, Macara IG. PIST: a novel PDZ/coiled-coil domain binding partner for the rho-family GTPase TC10. Biochem Biophys Res Commun. 2001 Jan 19;280(2):541-7..PMID: 11162552 ->

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**