

Goat anti-ACPP / PAP (aa269-282) Antibody

Item Number	dAP-2381
Target Molecule	Principle Name: ACPP / PAP (aa269-282); Official Symbol: ACPP; All Names and Symbols: ACPP; acid phosphatase, prostate; ACP-3; ACP3; PAP; OTTHUMP00000216107; prostatic acid phosphatase; prostatic acid phosphatase; Accession Number (s): NP_001127666.1; NP_001090.2; Human Gene ID(s): 55; Non-Human GeneID(s):
Immunogen	NHMKRATQIPSYKK, is from internal region This antibody is expected to recognize both reported isoforms (NP_001127666.1; NP_001090.2).
Applications	Pep ELISA, WB, IHC 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 50kDa band observed in Human Prostate lysates (calculated MW of 48.3kDa according to NP_001127666.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Prostate shows reticulate cytoplasm staining, more intense towards the lumen of the gland. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Münch J, Racker E, Ständer L, Adermann K, Goffinet C, Schindler M, Wildum S, Chinadurai R, Rajan D, Specht A, Giménez-Gallego G, Sánchez PC, Fowler DM, Koulov A, Kelly JW, Mothes W, Grivel JC, Margolis L, Keppler OT, Forssmann WG, Kirchhoff F, Semen-derived amyloid fibrils dras-

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**