

Goat anti-ACPP / PAP Antibody

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| Item Number | dAP-2119 |
| Target Molecule | Principle Name: ACPP / PAP; Official Symbol: ACPP; All Names and Symbols: ACPP; acid phosphatase, prostate; ACP-3; ACP3; PAP; prostatic acid phosphatase; Accession Number (s): NP_001090.2; Human Gene ID(s): 55; Non-Human GeneID(s): 56318 (mouse) 56780 (rat) |
| Immunogen | YGIHKQKEKSRLQ, is from internal region This antibody is expected to recognize both isoforms (NP_001090.2; NP_001127666.1). |
| 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 64000. |
| Western Blot | Western Blot: Approx 50kDa band observed in Human Prostate lysates (calculated MW of 44.6kDa according to NP_001090.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Patel et al, Clin Chem. 1986 O |
| IHC | Immunohistochemistry: In paraffin embedded Human Prostate shows cytoplasm staining in some secretory cells of the gland. Recommended concentration, 3-5µg/ml. |
| Reference | Reference(s): Quintero IB, Araujo CL, Pulkka AE, Wirkkala RS, Herrala AM, Eskelinen EL, Jokitalo E, Hellström PA, Tuominen HJ, Hirvikoski PP, Vihko PT. Prostatic acid phosphatase is not a prostate specific target. Cancer research 2007 Jul 67 (14): 6549-54..PMID: 17638863-> |

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**