

Goat anti-PPP4C Antibody

Item Number	dAP-1809
Target Molecule	Principle Name: PPP4C; Official Symbol: PPP4C; All Names and Symbols: PPP4C; protein phosphatase 4 (formerly X), catalytic subunit; PP4; PPH3; PPX; Protein phosphatase 4, catalytic subunit; Accession Number (s): NP_002711.1; Human Gene ID(s): 5531; Non-Human GenelD(s): 171366 (rat)
Immunogen	PQETRGIPSKKP, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human, Rat
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 16000.
Western Blot	Western Blot: Approx 35kDa band observed in HEK293, A431 and HeLa lysates and in Rat Spleen and Lung lysates (calculated MW of 35.1kDa according to NP_002711.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Prostate shows nuclear staining of secretory cells in the gland. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Mourtada-Maarabouni M, Williams GT. Protein phosphatase 4 regulates apoptosis, proliferation and mutation rate of human cells. <i>Biochimica et biophysica acta</i> 2008 Aug 1783 (8): 1490-502..PMID: 18424272->

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**