

## Goat anti-PPP2R4 / PP2A Antibody

<b>Item Number</b>	dAP-1814
<b>Target Molecule</b>	Principle Name: PPP2R4 / PP2A; Official Symbol: PPP2R4; All Names and Symbols: PPP2R4; protein phosphatase 2A activator, regulatory subunit 4; MGC2184; PP2A; PR53; PTPA; OTTHUMP00000022333; PP2A phosphatase activator; PP2A, subunit B'; phosphotyrosyl phosphatase activator; protein phosphatase 2A, regulatory subunit B'; protein phosphatase; Accession Number (s): NP_821068.1; NP_066954.2; NP_821070.1; Human Gene ID(s): 5524; Non-Human GeneID(s): 110854 (mouse) 362102 (rat)
<b>Immunogen</b>	GSLPIHPVTSG, is from C Terminus This antibody is expected to recognize all reported isoforms (NP_821068.1; NP_066954.2; NP_821070.1). Reported variants NP_066954.2 and NP_821067.1 represent identical protein.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human, Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 37kDa band observed in Human, Mouse and Rat Liver lysates and in lysates of cell line HepG2 (calculated MW of 36.8kDa according to NP_066954.2). Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Gushiken FC, Patel V, Liu Y, Pradhan S, Bergeron AL, Peng Y, Vijayan KV. Protein phosphatase 2A negatively regulates integrin alpha(Iib)beta(3) signaling. J Biol Chem 2008 May 283 (19): 12862-9..PMID: 18334487->

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**