Goat anti-PPP2CA / PPP2CB Antibody

Item Number	dAP-0035
Target Molecule	Principle Name: PPP2CA / PPP2CB; Official Symbol: PPP2CA / PPP2CB; All Names and Symbols: PPP2CA; protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform; PP2Ac; PP2CA; RP-C; PP2A-alpha; protein phosphatase 2, catalytic subunit, alpha isoform; replication protein C; serine/threonine protein phosphatase 2A, catalytic subunit, alph; Accession Number (s): NP_002706.1; NP_004147.1; Human Gene ID(s): 5515; 5516; Non-Human GeneID(s): 19052 (mouse) 24672 (rat)
Immunogen	EPHVTRRTPDYFL, is from C Terminus Two variants NP_001009552.1 and NP_004147.1 represent identical protein.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
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; Reconsititute 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 36kDa band observed in Human Brain (Cerebellum), Mouse, Rat and Pig Brain lysates (calculated MW of 35.6kDa according to Human NP_002706.1, Mouse NP_062284.1, Rat NP_058735.1 and Pig NP_999531.1). Recommended concentration: 0.05-0.2
IHC	
Reference	Reference(s): Hemmings BA, Wernet W, Mayer R, Maurer F, Hofsteenge J, Stone SR. The nucleotide sequence of the cDNA encoding the human lung protein phosphatase 2A beta catalytic subunit. Nucleic Acids Res 1988 Dec 9;16(23):11366.PMID: 2849765->

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