



Goat anti-PCBP4 Antibody

Item Number	dAP-1184
Target Molecule	Principle Name: PCBP4; Official Symbol: PCBP4; All Names and Symbols: PCBP4; poly(rC) binding protein 4 ; LIP4; MCG10 ; LYST-interacting protein; RNA binding protein MCG10; alphaCP-4 protein; poly(rC)-binding protein 4; alpha CP-4;; Accession Number (s): NP_065151.1; NP_127501.1; NP_127502.1; NP_127503.1 ; Human Gene ID(s): 57060; Non-Human GeneID(s): 59092 (mouse) 363133 (rat)
Immunogen	NGSKKAERQKFSPY, is from C Terminus This antibody is expected to recognise all reported isoforms (NP_065151.1, NP_127501.1, NP_127502.1 and NP_127503.1).
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx. 40kDa band observed in lysates of cell line HeLa (calculated MW of 41.4kDa according to NP_127502.1 and NP_127503.1). In transfected HEK293 transiently expressing PCBP4 a band of approx. 45kDa is observed. This band is not observed
IHC	
Reference	Reference(s): Pio R, Zudaire I, Pino I, Castano Z, Zabalegui N, Vicent S, Garcia-Amigot F, Odero MD, Lozano MD, Garcia-Foncillas J, Calasanz MJ, Montuenga LM. Alpha CP-4, encoded by a putative tumor suppressor gene at 3p21, but not its alternative splice variant alpha CP-4a, is underexpressed in lung can-

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**