

Goat anti-PCBP1 (aa234-247) Antibody

Item Number	dAP-2263
Target Molecule	Principle Name: PCBP1 (aa234-247); Official Symbol: PCBP1; All Names and Symbols: PCBP1; poly(rC) binding protein 1; HNRPE1; HNRPX; hnRNP-E1; hnRNP-X; alpha-CP1; heterogeneous nuclear ribonucleoprotein E1; heterogenous nuclear ribonucleoprotein E1; heterogenous nuclear ribonucleoprotein X; nucleic acid binding protein sub 2.3; Accession Number (s): CAA55016.1; Human Gene ID(s): 5093; Non-Human GenelD(s): 23983 (mouse) 500242 (rat)
Immunogen	ADLAKLQNQVARQQSH, is from internal region
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 32000.
Western Blot	Western Blot: Approx 38kDa band observed in lysates of cell line HeLa and in Human Placenta lysates (calculated MW of 37.5kDa according to NP_006187.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Waggoner SA, Johannes GJ, Liebhaber SA, Depletion of the poly(C)-binding proteins alphaCP1 and alphaCP2 from K562 cells leads to p53-independent induction of cyclin-dependent kinase inhibitor (CDKN1A) and G1 arrest. The Journal of biological chemistry 2009 Apr 284 (14): 9039-49.. PMID: 19323210

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 end users! This product is sold for **Research Use Only**