

Goat anti-PRKCDBP Antibody

Item Number	dAP-1861
Target Molecule	Principle Name: PRKCDBP; Official Symbol: PRKCDBP; All Names and Symbols: PRKCDBP; protein kinase C, delta binding protein; HSRBC; MGC20400; SRBC; sdr-related gene product that binds to c-kinase; cavin-3; Accession Number (s): NP_659477.2; Human Gene ID(s): 112464; Non-Human GenID(s): 109042 (mouse) 85332 (rat)
Immunogen	RRTGLQKVQSLR, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse, 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 32000.
Western Blot	Western Blot: Approx 38kDa band observed in Human Adipose, in Mouse Ovary and Rat Uterus and in NIH3T3 lysates (calculated MW of 27.7kDa according to Human NP_659477.2, of 27.8kDa according to Mouse NP_082720.1 and of 27.9kDa according to Rat NP_604444.1
IHC	Immunohistochemistry: Paraffin embedded Human Uterus. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): McMahon KA, Zajicek H, Li WP, Peyton MJ, Minna JD, Hernandez VJ, Luby-Phelps K, Anderson RG. SRBC/cavin-3 is a caveolin adapter protein that regulates caveolae function. The EMBO journal 2009 Apr 28 (8): 1001-15.. PMID: 19262564->

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**