

Goat anti-CDC6 Antibody

Item Number	dAP-2828
Target Molecule	Principle Name: CDC6; Official Symbol: CDC6; All Names and Symbols: CDC6; cell division cycle 6 homolog (S. cerevisiae); CDC18L; HsCDC18; HsCDC6; CDC18 (cell division cycle 18, S.pombe, homolog)-like; CDC6 cell division cycle 6 homolog; CDC6-related protein; cell division cycle 6 protein; Accession Number (s): NP_001245.1; Human Gene ID(s): 990; Non-Human GenelD(s):
Immunogen	RKSQEITTNSEQRCP, 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 128000.
Western Blot	Western Blot: Approx 70kDa band observed in nuclear lysates of cell lines HeLa and Jurkat (calculated MW of 62.7kDa according to NP_001245.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Liu L, Choi JH, Yim H, Choi JS, Park BD, Cho SJ, Lee SK, ATR (AT mutated Rad3 related) activity stabilizes Cdc6 and delays G2/M-phase entry during hydroxyurea-induced S-phase arrest of HeLa cells. The international journal of biochemistry & cell biology 2009 Jun 41 (6): 1410-20..PMID: 19481112

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**