

Goat anti-P27KIP1 / CDKN1B (internal) Antibody

Item Number	dAP-0804
Target Molecule	Principle Name: P27KIP1 / CDKN1B (internal); Official Symbol: CDKN1B; All Names and Symbols: CDKN1B; KIP1; cyclin-dependent kinase inhibitor 1B (p27, Kip1) ; CDKN4; P27KIP1; cyclin-dependent kinase inhibitor 1B; Accession Number (s): NP_004055.1; Human Gene ID(s): 1027; Non-Human GeneID (s):
Immunogen	KRPATDDSSSTQNK, is from internal region
Applications	Pep ELISA, WB, IHC 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 26kDa band observed in lysates of Human Prostate and of Hepatoblastoma cell line HepG2 (calculated MW of 22.1kDa according to NP_004055.1). The observed molecular weight corresponds to earlier findings in literature with different a
IHC	Immunohistochemistry: In paraffin embedded Human Prostate shows nuclear staining of secretory cells. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Baldassarre G, Belletti B, Nicoloso MS, Schiappacassi M, Vecchione A, Spessotto P, Morione A, Canzonieri V, Colombatti A. p27(Kip1)-stathmin interaction influences sarcoma cell migration and invasion. Cancer Cell. 2005 Jan;7(1):51-63. .PMID: 15652749 ->

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**