

Goat anti-CDKN2A (isoform 3) Antibody

Item Number	dAP-1796
Target Molecule	Principle Name: CDKN2A (isoform 3); Official Symbol: CDKN2A; All Names and Symbols: CDKN2A; cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4) ; HGNC:1787; ARF; CDK4I; CDKN2; CMM2; INK4; INK4a; MLM; MTS1; TP16; p14; p14ARF; p16; p16INK4; p16INK4a; p19 ; CDK4 inhibitor p16-INK4; cell cycle negative regulator beta; cyclin-; Accession Number (s): NP_478104.1; Human Gene ID(s): 1029; Non-Human GenelD(s):
Immunogen	ILRKKGRLPGEFSE, is from internal region This antibody is expected to recognize the pancreas isoform (NP_478104.1) only.
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 17kDa band observed in lysates of cell line HeLa (calculated MW of 12.1kDa according to NP_478104.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Normand G, Hemmati PG, Verdoodt B, von Haefen C, Wendt J, Guner D, May E, Dorken B, Daniel PT. p14ARF induces G2 cell cycle arrest in p53- and p21-deficient cells by down-regulating p34cdc2 kinase activity. J Biol Chem. 2005 Feb 25;280(8):7118-30. Epub 2004 Dec 6. PMID: 15582998 ->

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**