

Goat anti-CDKN2A (isoform 1) / p16INK4a Antibody

Item Number	dAP-0785
Target Molecule	Principle Name: CDKN2A (isoform 1) / p16INK4a; Official Symbol: CDKN2A; All Names and Symbols: CDKN2A; p16INK4a; cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4) ; HGNC:1787; ARF; CDK4; CDKN2; CMM2; INK4; INK4a; MLM; MTS1; TP16; p14; p14ARF; p16; p16INK4; p19 ; CDK4 inhibitor p16-INK4; cell cycle negative regulator beta; cyclin-; Accession Number (s): NP_000068.1; NP_001182061.1; Human Gene ID(s): 1029; Non-Human GenelD(s):
Immunogen	HARIDAAEGPSDIPD, is from C Terminus This antibody is expected to recognise isoform p16INK4a (NP_000068.1) and isoform p16gamma (NP_001182061.1).
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. 16-18kDa band observed in lysates of the cell lines A431 and HeLa (calculated MW of 16.5kDa according to NP_000068.1). Recommended concentration: 0.1-1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Liver. Recommended concentration: 5µg/ml.
Reference	Reference(s): Mawrin C, Kirches E, Schneider-Stock R, Boltze C, Vorwerk CK, von Mawrin A, Kirches E, Schneider-Stock R, Boltze C, Vorwerk CK, von Mawrin A, Kirches E, Schneider-Stock R, Boltze C, Vorwerk CK, von Mawrin A, Kirches E, Schneider-Stock R, Boltze C, Vorwerk Alterations of cell cycle regulators in

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**