

## CDKN2A Antibody

*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-*

**CATALOG NO.:** 45-033

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

CDKN2A Antibody. This antibody is expected to recognise isoform 1 only (NP\_000068.1)

**SOURCE:**

CDKN2A antibody was raised against a synthetic peptide near the C-terminus of CDKN2A.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_000068.1

**SPECIES REACTIVITY:**

Human

**TESTED APPLICATION:**

ELISA, Western Blot

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:32,000.  
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.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

Antibody is supplied as 0.1mg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of CDKN2A in HeLa Lysate (35µg protein in RIPA buffer) using CDKN2A antibody (1µg/ml).

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

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 gliomatosis cerebri. J Neurooncol. 2005 Apr;72(2):115-22.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.