

## CDKN2A/p16INK4a Ab

[References\(24\)](#) [Images\(7\)](#)

Cat.#: AF5484  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 16 kDa  
Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse

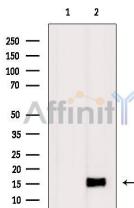
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human CDKN2A/p16INK4a, corresponding to a region within N-terminal amino acids.

Uniprot: P42771

Description: Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.



Western blot analysis of extracts from HeLa, using p16 INK Ab. The lane on the left was treated with blocking peptide.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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