

Polyclonal Antibody to Human p14ARF / p16

Alternate names:	p14ARF
Catalog No.:	DP3095
Quantity:	0.5 mg
Concentration:	1 mg/ml
Host:	Rabbit
Immunogen:	A synthetic peptide from the C-terminus of human p14ARF.
Applications:	Immunofluorescence. Immunohistology (formalin/paraffin): use Ab at 5-10µg/ml for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min. Recommended positive control: HeLa Cells, Cervical Carcinoma, or Breast Fibroadenoma. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The INK4a-ARF locus encodes two unrelated proteins both of which function in tumor suppression. p14ARF arrests the cell cycle in a p53-dependent manner. Cellular Localization: nuclear. Notes: Ab-4 may show some additional bands with MW much higher than 14kDa. However, the p14ARF area is relatively clean which permits an easy identification of the p14 ARF band. For optimun results, immunoprecipitate p14 ARF with Ab-4 and then Western blot with Ab-2. Mol. Wt of Antigen: 14kD.
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
General Readings:	1. Zhan