

Basic Information

Product Name	Anti-p21/CDKN1A Antibody (Clone#ACG-3)	
Gene Name	CDKN1A	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, monkey	
Tested Application	WB	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human p21	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	21 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	ImmunoPrecipitation (IP):	1:50

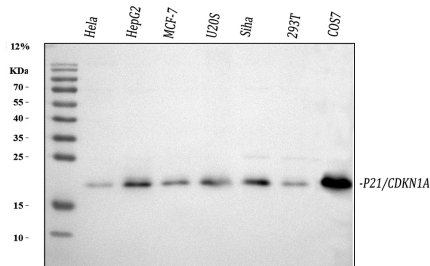
Storage

12 months from date of receipt, -20°C as supplied.

Reference

Anti-p21/CDKN1A Antibody (Clone#ACG-3)被引用在9文献中。

Selected Validation Data



Western blot analysis of anti-p21/CDKN1A antibody (BM3990). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HeLa whole cell lysates,

Lane 2: human HepG2 whole cell lysates,

Lane 3: human MCF-7 whole cell lysates,

Lane 4: human U2OS whole cell lysates,

Lane 5: human SiHa whole cell lysates,

Lane 6: human 293T whole cell lysates,

Lane 7: monkey COS-7 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-p21/CDKN1A antigen affinity purified polyclonal antibody (BM3990) and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for p21/CDKN1A at approximately 21 kDa. The expected band size for p21/CDKN1A is at 18 kDa.