



CDKN1A Antibody, Biotin conjugated

Product Code	CSB-PA005086DD01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P38936
Immunogen	Recombinant Human Cyclin-dependent kinase inhibitor 1 protein (2-164AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	May be the important intermediate by which p53/TP53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression. Functions in the nuclear localization and assembly of cyclin D-CDK4 complex and promotes its kinase activity towards RB1. At higher stoichiometric ratios, inhibits the kinase activity of the cyclin D-CDK4 complex.
Form	Liquid
Conjugate	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Cyclin-dependent kinase inhibitor 1 (CDK-interacting protein 1) (Melanoma differentiation-associated protein 6) (MDA-6) (p21), CDKN1A, CAP20 CDKN1 CIP1 MDA6 PIC1 SDI1 WAF1
Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	CDKN1A