

p21 (Acetyl Lys154) rabbit pAb

Cat No.:ES20120

For research use only

Overview

Product Name	p21 (Acetyl Lys154) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human p21 (Acetyl Lys154)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat p21 (Acetyl Lys154)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃ . Avoid repeated freeze-thaw cycles.
Protein Name	p21 (Acetyl Lys154)
Gene Name	CDKN1A CAP20 CDKN1 CIP1 MDA6 PIC1 SDI1 WAF1
Cellular localization	Cytoplasm . Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	21kD
Human Gene ID	1026
Human Swiss-Prot Number	P38936
Alternative Names	Cyclin-dependent kinase inhibitor 1 (CDK-interacting protein 1;Melanoma differentiation-associated protein 6;MDA-6;p21)
Background	function:May be the important intermediate by which p53 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.,induction:By p53, mezerein





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(antileukemic compound) and interferon
beta.,PTM:Phosphorylation of Thr-145 by Akt or of
Ser-146 by PKC impairs binding to
PCNA.,similarity:Belongs to the CDI family.,tissue
specificity:Expressed in all adult human tissues, with
5-fold lower levels observed in the brain.,



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