

Product Data Sheet

Anti-p21 Antibody

Catalog #	Source	Reactivity	Applications
CPA4956	Rabbit	H, M, R	WB
Description	Rabbit polyclonal antibody to p21		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human p21. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of p21 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	CDKN1A		
Alternative Names	CAP20; CDKN1; CIP1; MDA6; PIC1; SDI1; WAF1; Cyclin-dependent kinase inhibitor 1; CDK-interacting protein 1; Melanoma differentiation-associated protein 6; MDA-6; p21		
Entrez Gene	1026 (Human); 12575 (Mouse)		
SwissProt	P38936 (Human); P39689 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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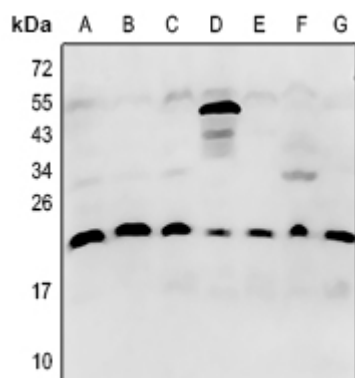
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Western blot analysis of p21 expression in HEK293T (A), HCT116 (B), HUT78 (C), mouse liver (D), mouse spleen (E), rat liver (F), rat spleen (G) whole cell lysates. (Predicted band size: 18 kDa; Observed band size: 18 kDa)

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