For Research Use Only

PCNA Polyclonal antibody Catalog Number:10205-2-AP Featured Product

1062 Publications



Basic Information	Catalog Number: 10205-2-AP	BC000491	ion Number:	Purification Method: Antigen affinity purification	
	Concentration:GeneID (NCBI):253 ug/ml5111Source:UNIPROT ID:RabbitP12004Isotype:Full Name:			Recommended Dilutions: WB: 1:5000-1:50000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC: 1:1500-1:6000 IF-P: 1:50-1:500	
	IgG	proliferating cell nuclear antigen Calculated MW: 29 kDa/31 kDa			
	Immunogen Catalog Number: AG0277				
		Observed MW: 36-38 kDa			
Applications	Tested Applications:		Positive Con	Positive Controls:	
	WB, IHC, IF/ICC, IF-P, IP, ELISA Cited Applications: WB, IHC, IF, IP, CoIP, Cell treatment		cells, HepG2	WB: A431 cells, BALB/3T3 clone A31 cells, HEK293 cells, HepG2 cells, mouse liver tissue, mouse testis tissue, Raji cells, rat liver tissue, rat testis tissue, HeLa cells, Jurkat cells, MCF-7 cells, PC-12 cells, NIH/3T3 cells, C2C12 cells, mouse spleen tissue	
	Species Specificity: human, mouse, rat		cells, Jurkat		
	Cited Species: human, mouse, rat, rabbit, chicken, goat, sheep, fish, ducks, medaka embryos		IP : MCF-7 ce	IP : MCF-7 cells, N/A	
			tissue, huma	IHC : human stomach cancer tissue, human liver canc tissue, human malignant melanoma tissue, human breast cancer tissue, human colon cancer tissue	
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0				
				IF-P : mouse testis tissue, human breast cancer tissue IF/ICC : HepG2 cells, Neuro-2a cells, MCF-7 cells	
Background Information	polymerase δ in eukaryotic cells the control of eukaryotic DNA repl leading strand. PCNA induces a ro apurinic-apyrimidinic (AP) endon stimulate APEX2. PCNA protein is human differ by only 4 of 261 ami	This protein is an au ication by increasing bust stimulatory effe uclease, APEX2 activi highly conserved dur no acids. PCNA has b tibody raised against	ixiliary protein of D the polymerase's p ct on the 3'-5' exonu- ities. It has to be loa- ring evolution; the c een used as loading t an internal region	ded onto DNA in order to be able to educed amino acid sequences of rat and control for proliferating cells. This	
	polymerase δ in eukaryotic cells the control of eukaryotic DNA repl leading strand. PCNA induces a ro apurinic-apyrimidinic (AP) endom stimulate APEX2. PCNA protein is human differ by only 4 of 261 ami antibody is a rabbit polyclonal an	This protein is an au ication by increasing bust stimulatory effe uclease, APEX2 activi highly conserved dur no acids. PCNA has b tibody raised against dified PCNA is 36kDa	ixiliary protein of D the polymerase's p ct on the 3'-5' exonu- ities. It has to be loa- ring evolution; the c een used as loading t an internal region	NA polymerase delta and is involved in rocessibility during elongation of the iclease and 3'-phosphodiesterase, but not ded onto DNA in order to be able to educed amino acid sequences of rat and	
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PCNA antibody (10205-2-AP) at dilution of 1:600 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL94phalloidin (red), DAPI (Blue).



WB result of PCNA antibody (10205-2-AP, 1:10000) with si-control and si-PCNA transfected HEK293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 10205-2-AP (PCNA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-PCNA (IP:10205-2-AP, 4ug; Detection:10205-2-AP 1:20000) with MCF-7 cells lysate 1880 ug.



Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using 10205-2-AP (PCNA antibody) at dilution of 1:3000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using PCNA antibody (10205-2-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 10205-2-AP (PCNA antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 10205-2-AP (PCNA antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 10205-2-AP (PCNA antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.







Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using 10205-2-AP (PCNA antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using 10205-2-AP (PCNA antibody) at dilution of 1:3000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using PCNA antibody (10205-2-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).