For Research Use Only

P53 Polyclonal antibody

Catalog Number:21891-1-AP

Featured Product

38 Publications

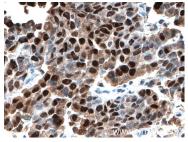


Basic Information	Catalog Number: 21891-1-AP	GenBank Accession Number: BC003596		Purification Method: Antigen affinity purification	
	Size:	GeneID (NCBI):		Recommended Dilutions:	
	150ul , Concentration: 600 µg/ml by	7157		WB 1:500-1:2000	
	Nanodrop;	Full Name:		IP 0.5-4.0 ug for 1.0-3.0 mg of total	
	Source:	tumor protein p53		protein lysate	
	Rabbit	Calculated MW: 393 aa, 44 kDa		IHC 1:50-1:500 IF 1:20-1:200	
	lsotype:				
	IgG	Observed MW:			
	Immunogen Catalog Number: AG16596	53 kDa			
Applications	Tested Applications:	Positive Controls:			
	IF, IHC, IP, WB, ELISA	ions: IP : A431		1 cells, HEK-293 cells	
	Cited Applications: CoIP, IF, IHC, IP, WB			ells,	
	Species Specificity: human, rat	tissue, human endor		prostate cancer tissue, human gliom n endometrial cancer tissue, human	
	Cited Species: human, rat, mouse	tumor tissue IF : HepG2 cell		ls,	
	retrieval may be performed w buffer pH 6.0	ith citrate			
Background Information	TP53, also named as P53 and NY-CO- organizing cellresponses to various s [PMID: 20346922]. In addition, TP53 a In unstressed cells, TP53 is kept inac inhibits TP53 transcriptional activity as a tumor suppressor in many tumor	tress and anticancer drug appears to induce apoptos tive essentially through th and ubiquitinates TP53 to types and induces growth	swith apopto is through no ne actions of promote its narrest or apo	sis,G1- phase arrest, and DNA repair ontranscriptional cytoplasmic proces the ubiquitin ligase MDM2, which degradation[PMID: 22330136]. TP5 optosis depending on the physiolog	
	circumstances and cell type. It is invo regulate cell division by controlling cells but found in the cytoplasm in sc	a set of genes required for	this process.	. TP53 Localizes in the nucleus in mo	
Notable Publications	regulate cell division by controlling cells but found in the cytoplasm in so	a set of genes required for	this process.	. TP53 Localizes in the nucleus in mo	
Notable Publications	regulate cell division by controlling cells but found in the cytoplasm in sc Author Put	a set of genes required for ome cells. (PMID: 2616671	this process. 4; PMID: 252	. TP53 Localizes in the nucleus in mo 25161)	
Notable Publications	regulate cell division by controlling cells but found in the cytoplasm in sc Author Put Xuxiu Tao 361	a set of genes required for ome cells. (PMID: 2616671 omed ID Journal	this process. 4; PMID: 252	. TP53 Localizes in the nucleus in mo 25161) Application	
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Notable Publications Storage	regulate cell division by controlling cells but found in the cytoplasm in sc Author Put Xuxiu Tao 361 Yuan Yin 345	a set of genes required for ome cells. (PMID: 2616671 .56329 Cancer S .662520 Cancer L .96449 Regen TI eer shipment.	this process. 4; PMID: 252 GCI ett	TP53 Localizes in the nucleus in mo 25161) Application WB,IHC WB,IHC,CoIP	

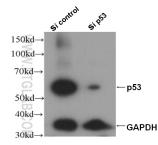
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

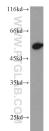
Selected Validation Data



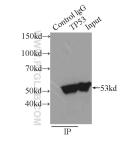
Immunohistochemical analysis of paraffinembedded human prostate cancer tissue slide using 21891-1-AP (TP53 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



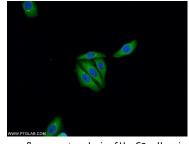
WB result of p53 antibody (21891-1-AP, 1:1000) with sh-control and sh-p53 transfected A431 cells.



A431 cells were subjected to SDS PAGE followed by western blot with 21891-1-AP (TP53 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



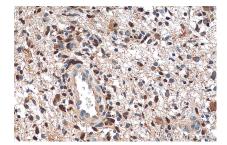
IP Result of anti-TP53 (IP:21891-1-AP, 3ug; Detection:21891-1-AP 1:1000) with A431 cells lysate 1650ug.



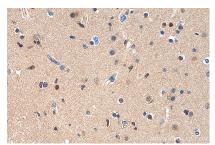
Immunofluorescent analysis of HepG2 cells using 21891-1-AP (TP53 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffinembedded human gliomas tissue slide using 21891-1-AP (P53 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human gliomas tissue slide using 21891-1-AP (P53 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human gliomas tissue slide using 21891-1-AP (P53 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).