For Research Use Only

AFP Polyclonal antibody

Catalog Number:14550-1-AP

Featured Product



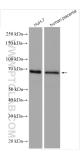


14550-1-AP	DC02/001			
Circo	BC027881		Antigen affinity purification	
Size: 150ul, Concentration: 650 ug/ml by	GenelD (NCBI):		Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 ug for 1.0-3.0 mg of total	
Nanodrop;				
Source:			proteinlysate	
Rabbit		IHC 1:250-1:1000		
Isotype:	alpha-fetoprotein			
IgG	Calculated MW:	Calculated MW:		
Immunogen Catalog Number:	69 kDa Observed MW: 68-72 kDa			
AG6089				
pplications Tested Applications:	Positive Controls:			
WB, IHC, IP, ELISA			3 cells, HepG2 cells, HuH-7 cells, LO2 cells	
Cited Applications:			s, human placenta tissue	
WB, IHC, IF, CoIP IP : HepG		IP:HepG2	cells,	
Species Specificity:			man ovary cancer tissue, human liver cancer	
human	human tissue, human ovary tumor tissue			
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0				
(PMID:24120489). AFP can be detect the plasma and ascitic fluid of adult 18669658). AFP is also a glycosylate (LCA), and total AFP can be separate	ed at abnormally h s with hepatoma, in ed protein and base ed into three differe	igh concentration ndicating that AFI ed on its binding c nt glycoforms, AF	ns in hepatocellular carcinomas as well as P can serve as a tumor marker (PMID: apability to lectin Lens Culinaris Agglutin P-L1, AFP-L2, and AFP-L3. Core-fucosylate	
Author Po	ubmed ID	Journal	Application	
Jian Sun 27	7714143	Nanoscale		
Shaling Li 30	6169092	Cancer Sci	IF	
Masahiro Yamamoto 28	8964793	Am J Pathol	IHC	
Storage: Store at -20°C. Stable for one year at Storage Buffer:	·			
PBS with 0.02% sodium azide and 5 Aliquoting is unnecessary for -20°C				
	Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG6089 Tested Applications: WB, IHC, IP, ELISA Cited Applications: WB, IHC, IP, ELISA Cited Applications: WB, IHC, IF, CoIP Species Specificity: human Cited Species: human, mouse, rat, goat Note-IHC: suggested antigen TE buffer pH 9.0; (*) Alternation retrieval may be performed way buffer pH 6.0 AFP (Alpha-fetoprotein) is a major pr (PMID:24120489). AFP can be detect the plasma and ascitic fluid of adult 18669658). AFP is also a glycosylat (LCA), and total AFP can be separate form of AFP (AFP-L3) is a more spect Author Pr Jian Sun 23 Shaling Li 30 Masahiro Yamamoto 24	Source:DOUNTO: ID.RabbitP02771RabbitFull Name:Isotype:alpha-fetoproteiIgGCalculated MW:AG6089Observed MW:68-72 kDaTested Applications:WB, IHC, IP, ELISACited Applications:WB, IHC, IF, CoIPSpecies Specificity:humanCited Species:human, mouse, rat, goatNote-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0AFP (Alpha-fetoprotein) is a major plasma protein in th (PMID:24120489). AFP can be detected at abnormally h the plasma and ascitic fluid of adults with hepatoma, in 18669658). AFP is also a glycosylated protein and base (LCA), and total AFP can be separated into three differe form of AFP (AFP-L3) is a more specific indicator than toAuthorPubmed IDJian Sun27714143Masahiro Yamamoto28964793	Nanodrop;UNIPROT ID:Source:P02771RabbitFull Name:Isotype:alpha-fetoproteinIgGCalculated MW:Immunogen Catalog Number:69 kDaAG6089Observed MW:68-72 kDa68-72 kDaTested Applications:WB, IHC, IP, ELISAWB : BxPC-Cited Applications:HepG2cellWB, IHC, IF, CoIPIP: HepG2Species Specificity:IHC : humahumantissue, humCited Species:Human, mouse, rat, goatNote-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0AFP (Alpha-fetoprotein) is a major plasma protein in the fetus and its co (PMID:24120489). AFP can be detected at abnormally high concentration the plasma and ascitic fluid of adults with hepatoma, indicating that AFI ta669658). AFP is also a glycosylated protein and based on its binding c (ICA), and total AFP can be separated into three different glycoform, AF form of AFP (AFP-L3) is a more specific indicator than total AFP for HCC ofAuthorPubmed IDJournalJian Sun27714143NanoscaleShaling Li36169092Cancer SciMasahiro Yamamoto28964793Am J Pathol	

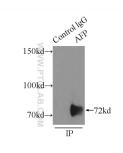
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.com

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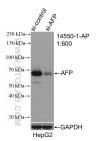
Selected Validation Data



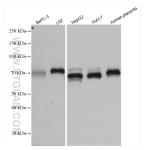
Various lysates were subjected to SDS PAGE followed by western blot with 14550-1-AP (AFP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.

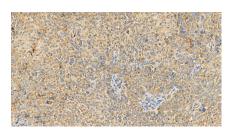


IP result of anti-AFP (IP:14550-1-AP, 5ug; Detection:14550-1-AP 1:1000) with HepG2 cells lysate 6000ug.



WB result of AFP antibody (14550-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-AFP transfected HepG2 cells.





Immunohistochemical analysis of paraffinembedded human ovary cancer tissue slide using 14550-1-AP (AFP antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

BxPC-3 cells were subjected to SDS PAGE followed by western blot with 14550-1-AP (AFP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.