

AIP/ARA9 Polyclonal antibody

Catalog Number: 18176-1-AP

1 Publications

Basic Information

Catalog Number: 18176-1-AP	GenBank Accession Number: BC104797	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9049	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	Full Name: aryl hydrocarbon receptor interacting protein	
Isotype: IgG	Calculated MW: 330 aa, 38 kDa	
Immunogen Catalog Number: AG12869	Observed MW: 38 kDa	

Applications

Tested Applications: FC, IHC, WB, ELISA	Positive Controls:
Cited Applications: IP	WB : HepG2 cells, HeLa cells, NIH/3T3 cells
Species Specificity: human, mouse, rat	IHC : human liver cancer tissue, human heart tissue
Cited Species: mouse	

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Frank L. van de Veerdonk	34847078	J Clin Invest	IP

Storage

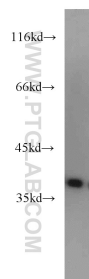
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

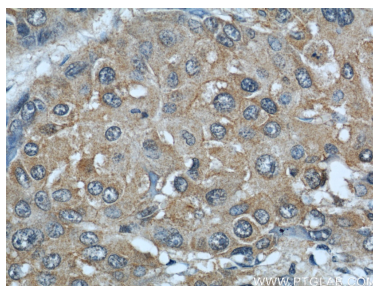
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

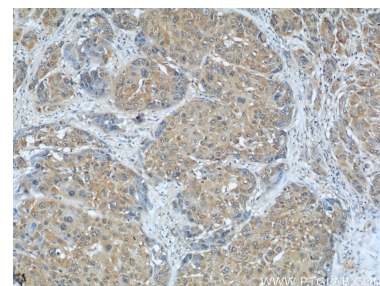
Selected Validation Data



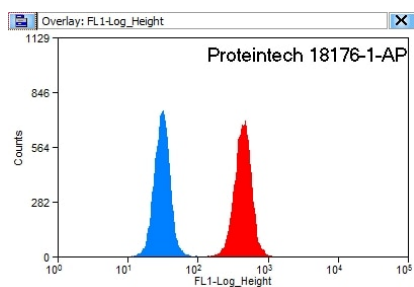
HepG2 cells were subjected to SDS PAGE followed by western blot with 18176-1-AP (AIP/ARA9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer using 18176-1-AP (AIP/ARA9 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 18176-1-AP (AIP/ARA9 antibody) at dilution of 1:50 (under 10x lens).



1X10⁶ HeLa cells were stained with 0.2ug AIP/ARA9 antibody (18176-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.