

For Research Use Only

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

Cited Applications:

IP

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : HepG2 cells, HeLa cells, NIH/3T3 cells

IHC : human liver cancer tissue, human heart tissue

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

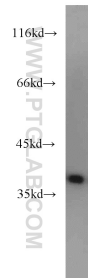
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

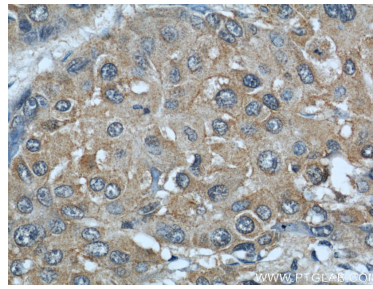
E: proteintech@ptglab.com
W: ptglab.com

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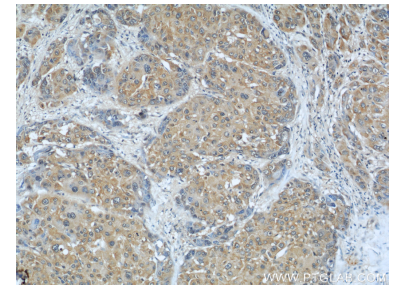
Selected Validation Data



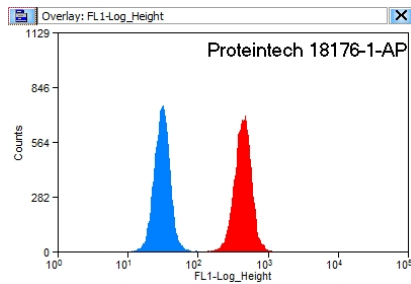
HepG2 cells were subjected to SDS PAGE followed by western blot with 18176-1-AP (AIP/ARA9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.