

For Research Use Only

# AIP/ARA9 Polyclonal antibody

Catalog Number: 18176-1-AP

1 Publications



## Basic Information

Catalog Number:

18176-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12869

GenBank Accession Number:

BC104797

GeneID (NCBI):

9049

UNIPROT ID:

O00170

Full Name:

aryl hydrocarbon receptor interacting protein

Calculated MW:

330 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## 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:

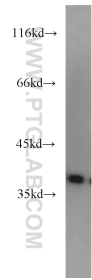
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

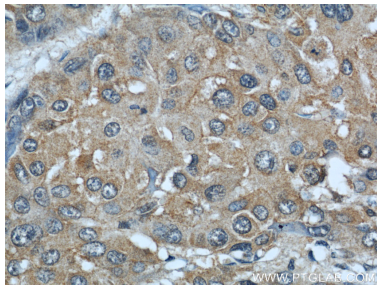
W: [ptgcn.com](http://ptgcn.com)

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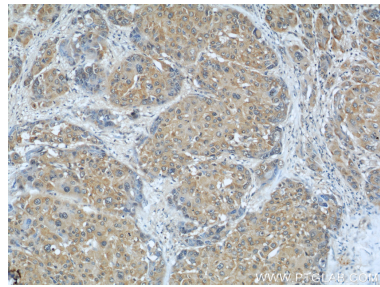
Selected Validation Data



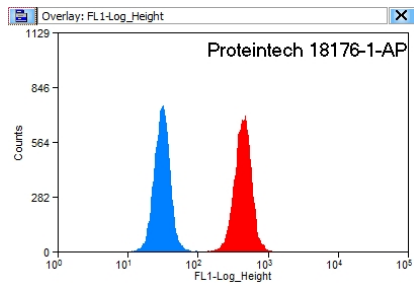
HepG2 cells were subjected to SDS PAGE followed by western blot with 18176-1-AP (AIP/ARA9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



1X10<sup>6</sup> 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.