

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-AHR



Numéro de catalogue: 28727-1-AP

Phare

6 Publications

## Informations de base

Numéro de catalogue:

28727-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG28935

Numéro d'acquisition GenBank:

BC070080

Identification du gène (NCBI):

196

Nom complet:

aryl hydrocarbon receptor

MW calculé

848 aa, 96 kDa

MW observés:

105-110 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules A431, cellules HepG2

IP : cellules PC-3,

IHC : tissu d'intestin grêle de souris, tissu de cancer du pancréas humain

IF : cellules HepG2,

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

The aryl hydrocarbon receptor (AhR) is a ligand-activated transcription factor that has been largely regarded as a mediator of xenobiotic metabolism [PMID:18483242]. It plays a part role in physiologic activities, including attenuation of the acute phase response, cytokine signaling, T helper (TH)17 immune cell differentiation, modulation of NF-κB activity, and regulation of hormonal signaling [PMID:20423157,18540824]. It also mediates transcription factor sequestering away from a gene promoter or tethering of the AhR to a transcription factor on a promoter. AHR calculated molecular masses differ by <10%, compared with the apparent molecular masses predicted from SDS-PAGE for the two receptors (105 and 95 kDa, respectively). (PMID: 8246913)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Ting Hao	36446468	Cell Prolif	WB,IF
Han Li	35595219	J Ethnopharmacol	IHC
Bin-Jie Zhang	35364431	Int Immunopharmacol	WB,IHC

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

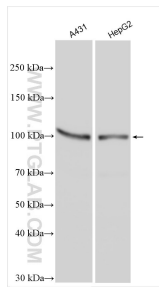
For technical support and original validation data for this product please contact:

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

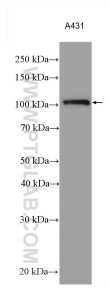
E: proteintech@ptglab.com  
W: ptglab.com

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

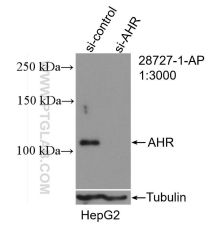
## Données de validation sélectionnées



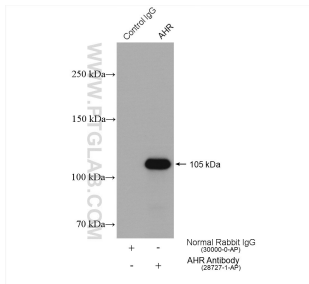
Various lysates were subjected to SDS PAGE followed by western blot with 28727-1-AP (AHR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



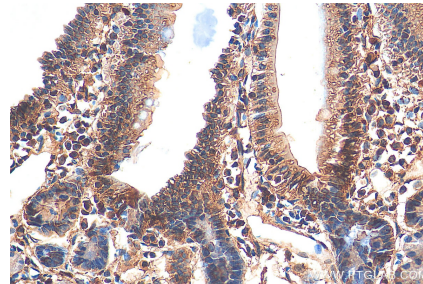
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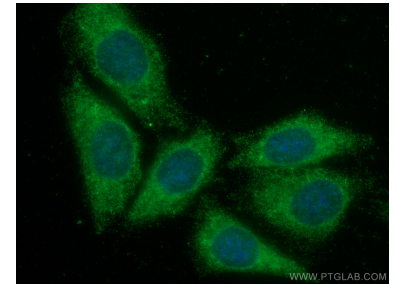
WB result of AHR antibody (28727-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AHR transfected HepG2 cells.



IP result of anti-AHR(IP:28727-1-AP, 4ug; Detection:28727-1-AP 1:500) with PC-3 cells lysate 1760 ug.



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 28727-1-AP (AHR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using AHR antibody (28727-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).