À des fins de recherche uniquement

Anticorps Monoclonal anti-AHR

Numéro de catalogue:67785-1-Ig Phare 15 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Informations de base

Numéro de catalogue:
67785-1-Ig

Taille:
150ul , Concentration: 1000 μg/ml by Nanodrop and 541 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG2b

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 protéine A

CloneNo.:
2D1F9

Dilutions recommandées:
WB 1:2000-1:10000
IHC 1:200-1:500
IF 1:200-1:800

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
FC, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

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.

Contrôles positifs:

WB : cellules A549, cellules 4T1, cellules Caco-2, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules LNCaP, cellules MCF-7, cellules PC-3

IHC : tissu de cancer du sein humain,

IF : tissu de cancer du sein humain, tissu testiculaire de souris

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
Jingsong Yu	36153645	Cell Biol Int	WB
Chengcheng Yang	34664583	Food Funct	WB
Dan Zhang	35716470	Phytomedicine	WB

Stockage

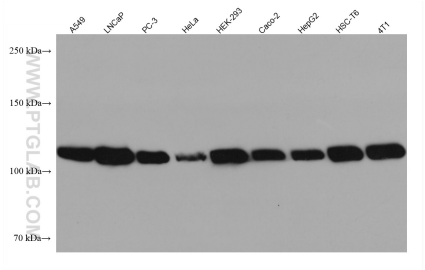
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

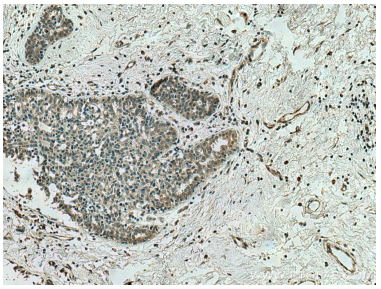
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

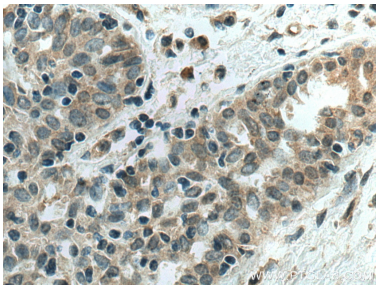
Données de validation sélectionnées



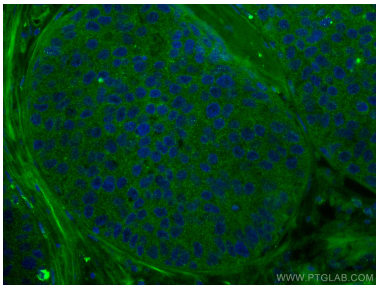
Various lysates were subjected to SDS PAGE followed by western blot with 67785-1-Ig (AHR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



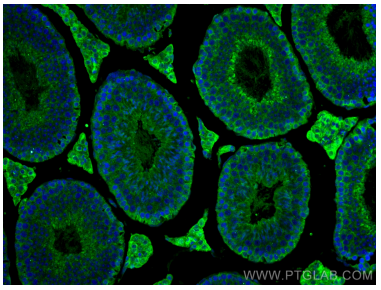
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67785-1-Ig (AHR antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67785-1-Ig (AHR antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using AHR antibody (67785-1-Ig, Clone: 2D1F9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). Blue (DAPI).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using AHR antibody (67785-1-Ig, Clone: 2D1F9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).