

Allgemeine Informationen

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| Katalog-Nr.: 67785-1-Ig | GenBank-Zugangsnummer: BC070080 | Reinigungsmethode: Protein-A-Reinigung |
| Größe: 150ul , Konzentration: 1000 µg/ml von196 Nanodrop und 541 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 2D1F9 | CloneNo.: 2D1F9 |
| Wirt: Maus | Vollständiger Name: aryl hydrocarbon receptor | Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:200-1:500 IF 1:200-1:800 |
| Isotyp: IgG2b | Berechnete Masse: 848 aa, 96 kDa | |
| Immunogen Katalognummer: AG28935 | Beobachtete Masse: 105-110 kDa | |

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IHC : humanes Mammakarzinomgewebe,

IF : humanes Mammakarzinomgewebe, Maushodengewebe

Hintergrundinformationen

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)

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-----------------|-----------|---------------|-----------|
| Jingsong Yu | 36153645 | Cell Biol Int | WB |
| Chengcheng Yang | 34664583 | Food Funct | WB |
| Dan Zhang | 35716470 | Phytomedicine | WB |

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

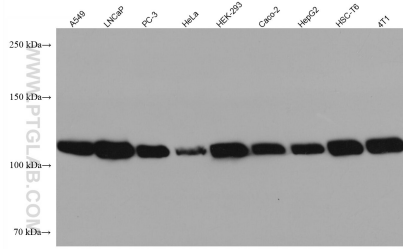
For technical support and original validation data for this product please contact:

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

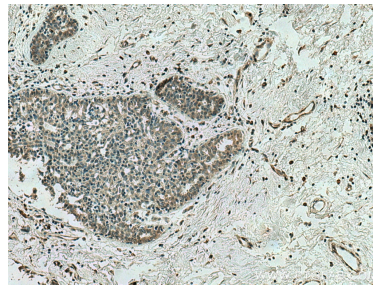
E: proteintech@ptglab.com
W: ptglab.com

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

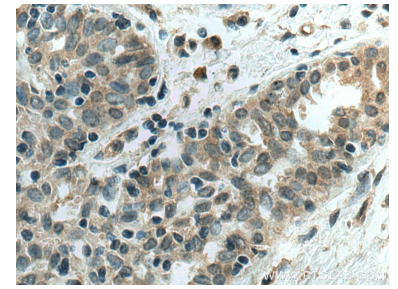
Ausgewählte Validierungsdaten



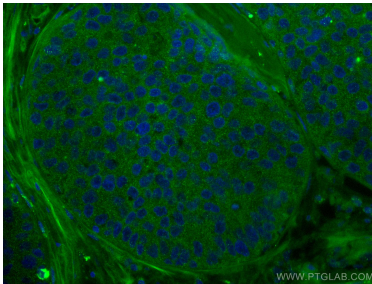
Various lysates were subjected to SDS PAGE followed by western blot with 67785-1-Ig (AHR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



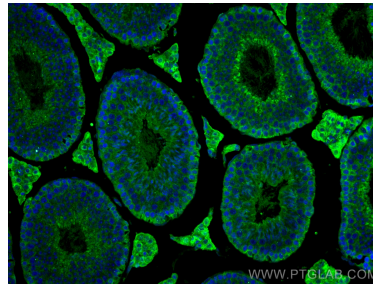
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67785-1-Ig (AHR antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).