

Allgemeine Informationen

Katalog-Nr.: 28727-1-AP	GenBank-Zugangsnummer: BC070080	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 196	Empfohlene Verdünnungen: WB 1:2000-1:10000 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: aryl hydrocarbon receptor	
Isotyp: IgG	Berechnete Masse: 848 aa, 96 kDa	
Immunogen Katalognummer: AG28935	Beobachtete Masse: 105-110 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, IP, WB, ELISA	Positivkontrollen: WB : A431-Zellen, HepG2-Zellen IP : PC-3-Zellen, IHC : Maus-Dünndarmgewebe, humanes Pankreaskarzinomgewebe
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus	
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.

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- κ B 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
Manyuan Dong	31576746	Chem Res Toxicol	WB
Ting Hao	36446468	Cell Prolif	WB,IF
Han Li	35595219	J Ethnopharmacol	IHC

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**

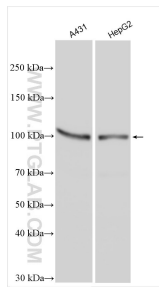
For technical support and original validation data for this product please contact:

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

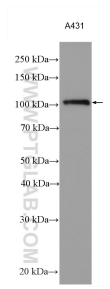
E: proteintech@ptglab.com
W: ptglab.com

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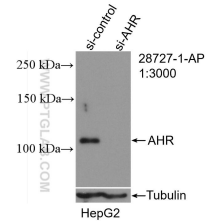
Ausgewählte Validierungsdaten



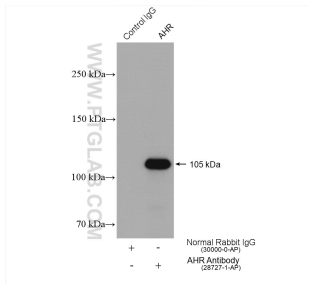
Various lysates were subjected to SDS PAGE followed by western blot with 28727-1-AP (AHR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



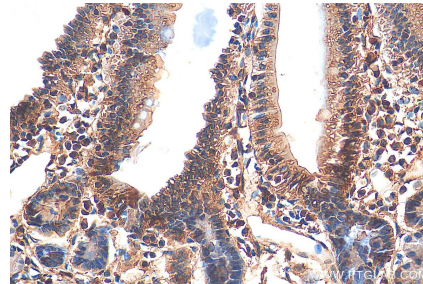
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WB result of AHR antibody (28727-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AHR transfected HepG2 cells.



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



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).