

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ARNT, HIF1B



Numéro de catalogue: 14105-1-AP

Phare

15 Publications

Informations de base

Numéro de catalogue:

14105-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5238

Numéro d'acquisition GenBank:

BC060838

Identification du gène (NCBI):

405

Nom complet:

aryl hydrocarbon receptor nuclear translocator

MW calculé

416 aa, 46 kDa, 87 kDa

MW observés:

86 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, souris

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

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules HepG2

IP : cellules HepG2,

IHC : tissu embryonnaire de souris,

IF : cellules HepG2,

Informations générales

HIF1B, also named as ARNT, is a 789 amino acid protein, which forms a heterodimer with AHR, AHRR, HIF1A and EPAS1/HIF2A as well as with other bHLH proteins. HIF1B is Required for activity of the Ah (dioxin) receptor. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding. The heterodimer with HIF1A or EPAS1/HIF2A functions as a transcriptional regulator of the adaptive response to hypoxia

Publications notables

Autrice	Pubmed ID	Journal	Application
Yizhi Zhan	36258210	BMC Med	WB,IF
Qi Su	34792729	Mol Biol Rep	WB
Yang Songwei S	24237301	J Interferon Cytokine Res	

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.

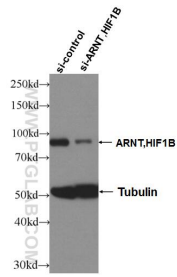
For technical support and original validation data for this product please contact:

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

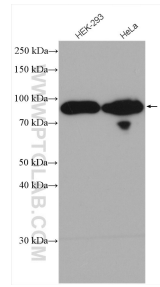
E: proteintech@ptglab.com
W: ptglab.com

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

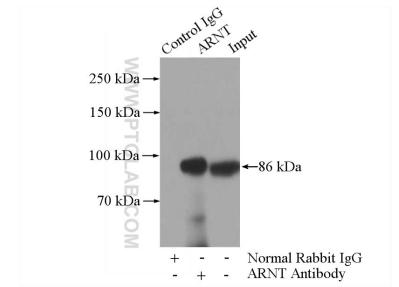
Données de validation sélectionnées



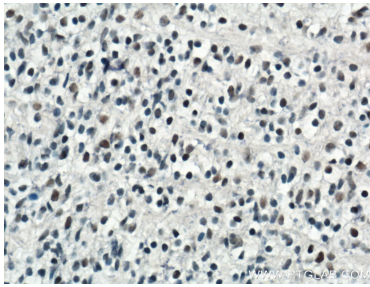
WB result of ARNT, HIF1B antibody (14105-1-AP; 1:3000); incubated at room temperature for 1.5 hours with sh-Control and sh-ARNT, HIF1B transfected HeLa cells.



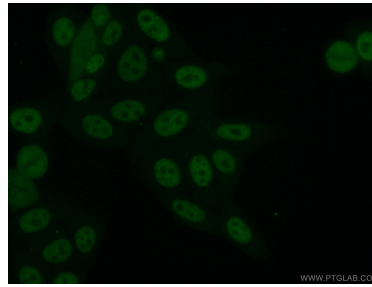
Various lysates were subjected to SDS PAGE followed by western blot with 14105-1-AP (ARNT, HIF1B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-ARNT, HIF1B (IP: 14105-1-AP, 4ug; Detection: 14105-1-AP 1:1000) with HepG2 cells lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 14105-1-AP (ARNT, HIF1B Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 14105-1-AP (ARNT, HIF1B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).