

À des fins de recherche uniquement

Anticorps Monoclonal anti-ARNT, HIF1B



Numéro de catalogue: 66732-1-Ig

Informations de base

Numéro de catalogue: 66732-1-Ig	Numéro d'acquisition GenBank: BC060838	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 405	CloneNo.: 3B12C5
Hôte: Mouse	Nom complet: aryl hydrocarbon receptor nuclear translocator	Dilutions recommandées: WB 1:1000-1:6000 IF 1:50-1:500
Isotype: IgG1	MW calculé 416 aa, 46 kDa, 87 kDa	
Immunogen Catalog Number: AG5507	MW observés: 87 kDa	

Applications

Applications testées:

FC, IF, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Contrôles positifs:

WB : cellules Caco-2, cellules HeLa, cellules HepG2,
cellules HSC-T6, cellules HT-29, cellules NIH/3T3

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

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.

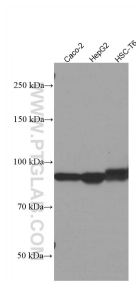
For technical support and original validation data for this product please contact:

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

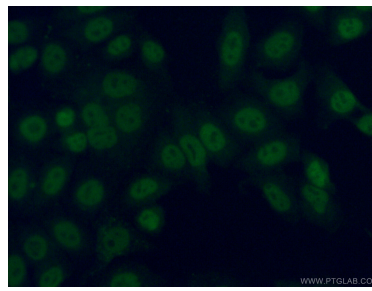
E: proteintech@ptglab.com
W: ptglab.com

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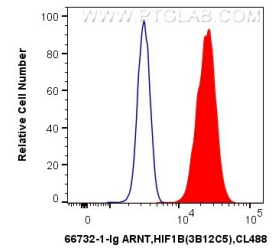
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66732-1-Ig (ARNT, HIF1B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66732-1-Ig (ARNT, HIF1B antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HeLa cells were intracellularly stained with 0.5 ug Anti-Human ARNT, HIF1B (66732-1-Ig, Clone:3B12C5) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).