

Nur für Forschungszwecke

ARNT, HIF1B Monoklonaler Antikörper



Katalog-Nr.: 66732-1-Ig

Allgemeine Informationen

Katalog-Nr.: 66732-1-Ig	GenBank-Zugangsnummer: BC060838	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1300 µg/ml von 405 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: aryl hydrocarbon receptor nuclear translocator	CloneNo.: 3B12C5
Wirt: Maus	Berechnete Masse: 416 aa, 46 kDa, 87 kDa	Empfohlene Verdünnungen: WB 1:1000-1:6000 IF 1:50-1:500
Isotyp: IgG1	Beobachtete Masse: 87 kDa	
Immunogen Katalognummer: AG5507		

Anwendungen

Geprüfte Anwendungen: FC, IF, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB: Caco-2-Zellen, HeLa-Zellen, HepG2-Zellen, HT-29-Zellen, NIH/3T3-Zellen
	IF: HepG2-Zellen,

Hintergrundinformationen

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

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

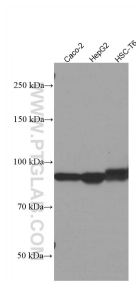
For technical support and original validation data for this product please contact:

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

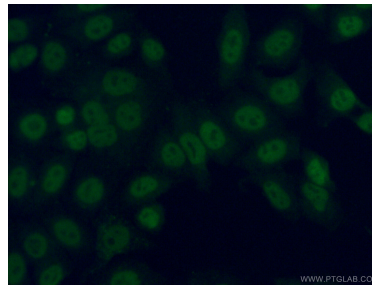
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W: ptglab.com

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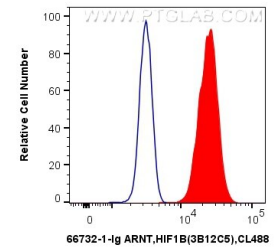
Ausgewählte Validierungsdaten



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).