

À des fins de recherche uniquement

Anticorps Monoclonal anti-PXR

Numéro de catalogue: 67912-1-Ig **6 Publications**



Informations de base

Numéro de catalogue: 67912-1-Ig	Numéro d'acquisition GenBank: BC017304	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 8856	CloneNo.: 1G3A7
Hôte: Mouse	Nom complet: nuclear receptor subfamily 1, group I, member 2	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:50-1:500
Isotype: IgG1	MW calculé 50 kDa	
Immunogen Catalog Number: AG7991	MW observés: 50 kDa	

Applications

Applications testées:
FC (Intra), IHC, WB, ELISA

Demandes citées:
IF, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

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

Contrôles positifs:

WB : tissu hépatique de rat, cellules COLO 320, cellules MCF-7, tissu hépatique de souris

IHC : tissu rénal de souris,

Informations générales

Pregnane X receptor (PXR; NR1I2), a member of the nuclear receptor superfamily, plays a key role in the induction of genes involved in drug transport and metabolism. It modulates drug transport and metabolism through the regulation of target genes responsible for the transport and conversion of chemicals into metabolites that are more easily eliminated from the body [PMID: 22609277]. It is also emerging as an endobiotic receptor that regulates the inflammatory response. In addition, PXR acts as a transcription factor that activates the transcription of multiple genes involved in the metabolism and secretion of potentially harmful xenobiotics, drugs and endogenous compounds [PMID: 19297428].

Publications notables

Autrice	Pubmed ID	Journal	Application
Xin Shen	34351342	Food Funct	WB
Lingming Zhang	35417848	Phytomedicine	WB,IF,IP
Wen-Hua Ming	37344564	Acta Pharmacol Sin	WB

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.

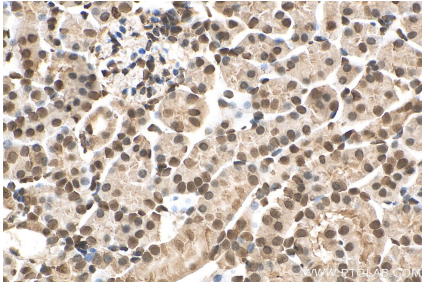
For technical support and original validation data for this product please contact:

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

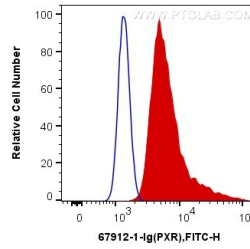
E: proteintech@ptglab.com
W: ptglab.com

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

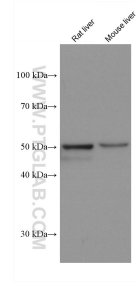
Données de validation sélectionnées



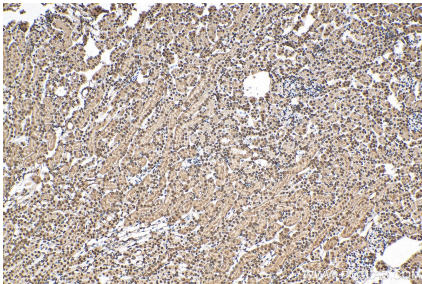
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67912-1-Ig (PXR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 MCF-7 cells were intracellularly stained with 0.2 μ g Anti-Human PXR (67912-1-Ig, Clone:1G3A7) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 μ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Various lysates were subjected to SDS PAGE followed by western blot with 67912-1-Ig (PXR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67912-1-Ig (PXR antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).