

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-RXRA



Numéro de catalogue: 21218-1-AP

Phare

29 Publications

Informations de base

Numéro de catalogue:

21218-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG15651

Numéro d'acquisition GenBank:

BC110998

Identification du gène (NCBI):

6256

Nom complet:

retinoid X receptor, alpha

MW calculé

462 aa, 51 kDa

MW observés:

50-54 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

ChIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, rat, souris, duck

Contrôles positifs:

WB : cellules MCF7, cellules MCF-7, tissu hépatique de rat

IP : cellules MCF-7, cellules HCT 116

IHC : tissu rénal humain,

IF : cellules HeLa,

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.

Informations générales

Retinoid X receptor alpha (RXRA). Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. The high-affinity ligand for RXRs is 9-cis retinoic acid. RXRA serves as a common heterodimeric partner for a number of nuclear receptors. The RXR/RAR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence of a ligand, the RXR-RAR heterodimers associate with a multiprotein complex containing transcription corepressors that induce histone acetylation, chromatin condensation, and transcriptional suppression. On ligand binding, the corepressors dissociate from the receptors and associate with the coactivators leading to transcriptional activation. The RXRA/PPARA heterodimer is required for PPARA transcriptional activity on fatty acid oxidation genes such as ACOX1 and the P450 system genes. This antibody is a rabbit polyclonal antibody raised against the 350 AA of human RXRA C-terminal. RXRA is highly expressed in the liver, and also expressed in the lungs, kidneys, and heart. It can recognize the the mature 54 kDa RXRA and the truncated 44 kD RXRA (PMID: 20541701).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ai-Guo Wang	25218146	Biochem Biophys Res Commun	WB
Liuqin He	30346763	J Agric Food Chem	IHC
Subir Kumar Juin	34680110	Biomolecules	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:

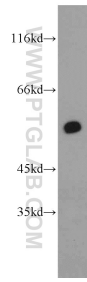
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

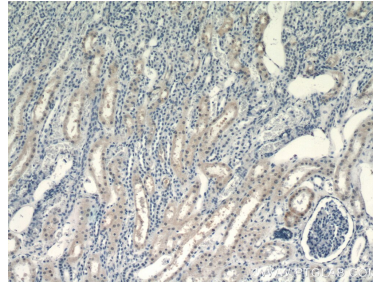
W: ptglab.com

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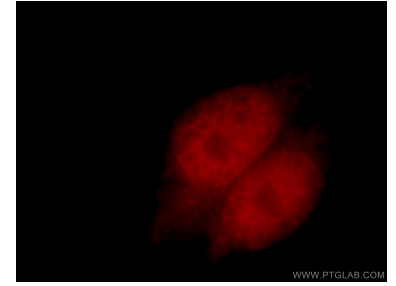
Données de validation sélectionnées



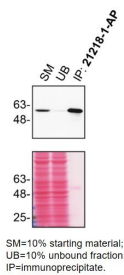
MCF7 cells were subjected to SDS PAGE followed by western blot with 21218-1-AP (RXRA antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



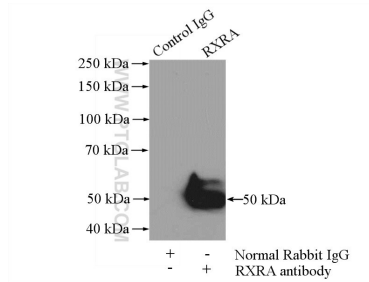
Immunohistochemical analysis of paraffin-embedded human kidney using 21218-1-AP (RXRA antibody) at dilution of 1:200 (under 10x lens).



Immunofluorescent analysis of HeLa cells, using RXRA antibody 21218-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



HCT 116 lysates prepared and IP of RXRA performed using 1.0 µg of 21218-1-AP coupled to protein A-Sepharose beads. The Ponceau stained transfers of each blot are shown. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.



IP Result of anti-RXRA (IP:21218-1-AP, 4µg; Detection:21218-1-AP 1:600) with MCF-7 cells lysate 800µg.