

À des fins de recherche uniquement

# Anticorps Monoclonal anti-RXRA

Numéro de catalogue: 60198-1-Ig **1 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 60198-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC007925	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul, Concentration: 460 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 6256	<b>CloneNo.:</b> 4H6C4
<b>Hôte:</b> Mouse	<b>Nom complet:</b> retinoid X receptor, alpha	<b>Dilutions recommandées:</b> WB 1:200-1:1000
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 462 aa, 51 kDa	
<b>Immunogen Catalog Number:</b> AG0987	<b>MW observés:</b> 44 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules HeLa,
<b>Demandes citées:</b> WB	
<b>Spécificité de l'espèce:</b> Humain, souris	
<b>Espèces citées:</b> Humain	

## 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
Xiaowen Hu	33643408	Int J Endocrinol	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'aliqotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

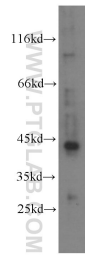
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com  
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## Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 60198-1-Ig (RXRA antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.