

Allgemeine Informationen

Katalog-Nr.: 60198-1-Ig	GenBank-Zugangsnummer: BC007925	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 460 µg/ml von Nanodrop und 453 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 6256	CloneNo.: 4H6C4
Wirt: Maus	Vollständiger Name: retinoid X receptor, alpha	Empfohlene Verdünnungen: WB 1:200-1:1000
Isotyp: IgG1	Berechnete Masse: 462 aa, 51 kDa	
Immunogen Katalognummer: AG0987	Beobachtete Masse: 44 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HeLa-Zellen,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiaowen Hu	33643408	Int J Endocrinol	WB

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**

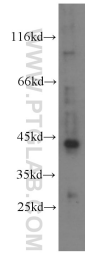
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Ausgewählte Validierungsdaten



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.