



RXRA Rabbit mAb

Catalog No	YP-rAb-17157
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,IP,ELISA
Gene Name	RXRA NR2B1
Protein Name	Retinoic acid receptor RXR-alpha (Nuclear receptor subfamily 2 group B member 1) (Retinoid X receptor alpha)
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	
Observed Band	51kD
Calculated Molecular Weight	51kD
Cell Pathway	Nucleus . Cytoplasm . Mitochondrion . Localization to the nucleus is enhanced by vitamin D3 (PubMed:15509776). Nuclear localization may be enhanced by the interaction with heterodimerization partner VDR (PubMed:12145331). Translocation to the mitochondrion upon interaction with NR4A1 (PubMed:17761950, PubMed:15509776). Increased nuclear localization upon pulsatile shear stress (PubMed:28167758) . .
Tissue Specificity	Expressed in lung fibroblasts (at protein level) (PubMed:30216632). Expressed in monocytes (PubMed:26463675). Highly expressed in liver, also found in kidney and brain (PubMed:24275569, PubMed:2159111, PubMed:14702039).
Function	Domain:Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal steroid-binding domain.,Function:Nuclear hormone receptor. Involved in the retinoic acid response pathway. Binds 9-cis retinoic acid (9C-RA). ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer.,online information:Retinoid X receptor entry,PTM:Sumoylated on Lys-108; which negatively regulates transcriptional activity. Desumoylated specifically by SENP6.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor

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family, NR2 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Homodimer or forms a heterodimer with peroxisome proliferator activated receptor gamma called adipocyte-specific transcription factor ARF6. Interacts with NCOA3 and NCOA6 coactivators, leading to a strong increase of transcription of target genes. Interacts with FAM120B (By similarity). Interacts with SFPQ. Interacts with HCV core protein. Interacts with PELP1. Interacts with SENP6. Interacts with DNTTIP2. Interacts with RNF8.,tissue specificity:Highly expressed in liver, also found in lung, kidney and heart.,

Background

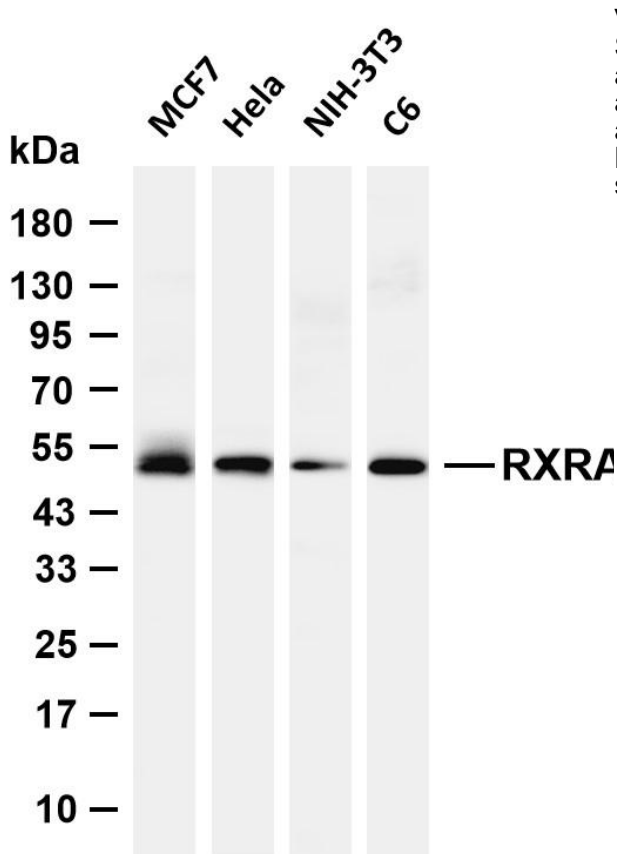
retinoid X receptor alpha(RXRA) Homo sapiens Retinoid X receptors (RXRs) and retinoic acid receptors (RARs) are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors function as transcription factors by binding as homodimers or heterodimers to specific sequences in the promoters of target genes. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-RXRA antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: MCF7 Lane 2: HeLa Lane 3: NIH-3T3 Lane 4: C6 Predicted band size: 51kDa Observed band size: 51kDa

