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Datasheet for ABIN7269948

anti-Retinoid X Receptor alpha antibody

5 Images

Overview

Quantity:	100 µL
Target:	Retinoid X Receptor alpha (RXRA)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Retinoid X Receptor alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

Product Details

Purpose:	RXRα Rabbit mAb
Immunogen:	A synthesized peptide derived from human RXRα
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Retinoid X Receptor alpha (RXRA)
Alternative Name:	RXRA (RXRA Products)

Target Details

Background: 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],NR2B1,RXRA,Cancer,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,Lipid Metabolism,Nuclear Receptor Signaling,Nuclear Receptor Signaling_Nuclear hormone receptors,Signal Transduction,Transcription Factors,RXRA

Molecular Weight: 51kDa

Gene ID: 6256

UniProt: [P19793](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Retinoic Acid Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Hepatitis C](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:200,ChIP,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

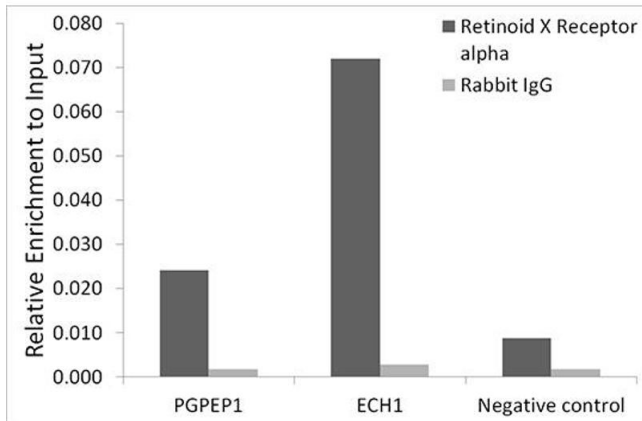
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

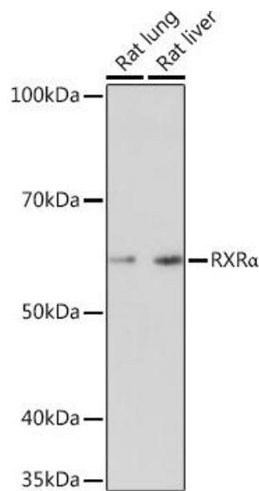
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



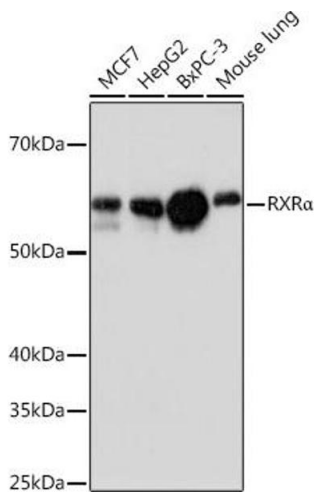
Chromatin Immunoprecipitation

Image 1. Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using RXR α antibody (ABIN7269948) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using RXR α antibody (ABIN7269948) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using RXR α antibody (ABIN7269948) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7269948.