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# RXRα Rabbit mAb

Catalog No.: A19105 Recombinant 10 Publications



#### **Basic Information**

**Observed MW** 51kDa

**Calculated MW** 51kDa

Category Primary antibody

Applications WB,IF/ICC,IP,ELISA,ChIP,ChIP-seq

**Cross-Reactivity** Human, Mouse, Rat

**CloneNo number** ARC0468

### 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.

#### **Recommended Dilutions**

WB	1:1000 - 1:2000	Gene ID	Sw	iss Prot
IF/ICC	1:100 - 1:1000	6256	P19	1793
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells	<b>Immunogen</b> Synthetic peptide. T <b>Synonyms</b>	his information is considered t	to be commercially sensitive.
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.	NR2B1; RXRalpha; F	XR-alpha; RXRα	
ChIP	5μg antibody for 10μg-15μg of Chromatin	Product Information		
ChIP-seq	1:50 - 1:100	<b>Source</b> Rabbit	<b>lsotype</b> IgG	<b>Purification</b> Affinity purification

**Immunogen Information** 

#### Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Contact

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Chromatin immunoprecipitation was performed with 25  $\mu$ g of cross-linked chromatin from Hep G2 cells using 5  $\mu$ g of RXR $\alpha$  Rabbit mAb (A19105). DNA libraries were prepared using Scale ssDNA-seq Lib Prep Kit for Illumina V2 (RK20228). The ChIP sequencing results indicate the enrichment pattern of RXR $\alpha$  in the representative genomic region surrounding ECH1 gene.



Chromatin immunoprecipitation analysis of extracts from Hep G2 cells, using RXR $\alpha$  Rabbit mAb (A19105) 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.



Confocal imaging of HeLa cells using RXR $\alpha$ Rabbit mAb (A19105,dilution 1:100)(Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.