

Rabbit anti-Human RXRalpha Monoclonal Antibody | anti-RXRA antibody

RXRalpha Rabbit mAb

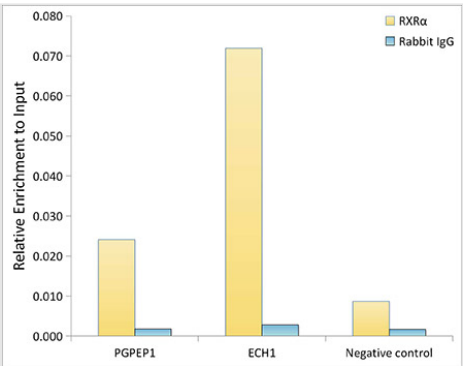
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28486	Rabbit	Human	Western Blot, Immunofluorescence, Immunocytochemistry, Immunoprecipitation, ELISA, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

PRODUCT SYNONYMS

RXRalpha; Monoclonal Antibody; RXRalpha Rabbit mAb; NR2B1; RXR-alpha; anti-RXRA antibody

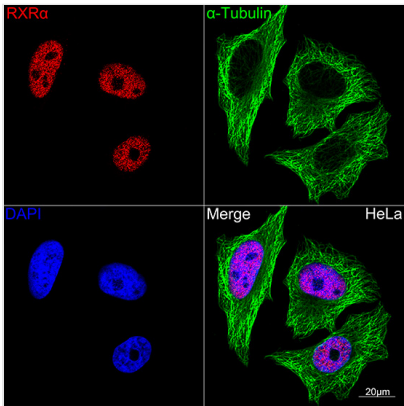
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MDTKHFLPLD FSTQVNSSLT SPTGRGSMAA PSLHPSLGP G IGSPGQLHSP ISTLSSPING MGPPFSVISS PMGPHSMSVP TTPTLGFSTG SPQLSSPMNP
Applicable Applications for anti-RXRA antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IP (Immunoprecipitation), ELISA, ChIP (Chromatin Immunoprecipitation), ChIP (Chromatin Immunoprecipitation)
Application Notes	WB: 1:1000-1:2000 IF/ICC: 1:100-1:1000 IP: 0.5ug-4ug antibody for 200ug-400ug extracts of whole cells ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements. ChIP: 5ug antibody for 10ug-15ug of Chromatin ChIP-seq: 1:50-1:100
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human RXRalpha (P19793).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



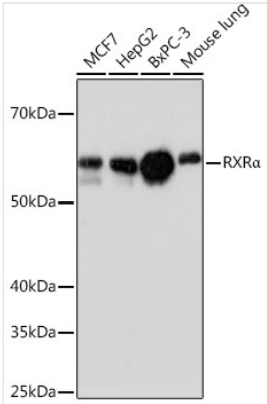
ChIP (Chromatin Immunoprecipitation)

Chromatin immunoprecipitation analysis of extracts from HepG2 cells, using RXR? antibody (AAA28486) 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.



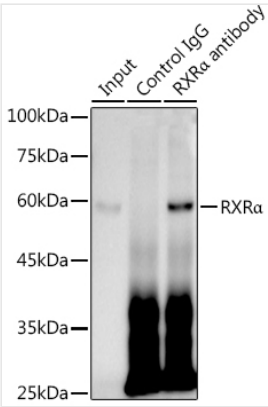
ICC (Immunocytochemistry)

Confocal imaging of HeLa cells using RXR? Rabbit mAb (AAA28486, dilution 1:100) (Red). The cells were counterstained with ?-Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



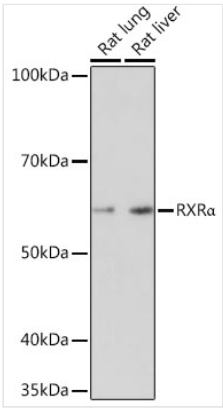
WB (Western Blot)

Western blot analysis of various lysates using RXR? Rabbit mAb (AAA28486) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



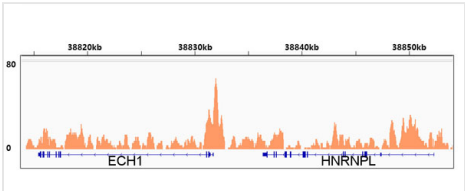
IP (Immunoprecipitation)

Immunoprecipitation analysis of 300 ug extracts from HepG2 cells using 3 ug RXR? antibody (AAA28486). Western blot was performed from the immunoprecipitate using RXR? antibody (AAA28486) at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of various lysates using RXR? Rabbit mAb (AAA28486) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



ChIP (Chromatin Immunoprecipitation)

Chromatin immunoprecipitation was performed with 25 ug of cross-linked chromatin from HepG2 cells using 5 ug of RXR? Rabbit mAb (AAA28486). 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? in the representative genomic region surrounding ECH1 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-RXRA antibody	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.
Product Categories/Family for anti-RXRA antibody	Epigenetics Nuclear Signaling; Transcription Factors; Nuclear Receptor Signaling; Nuclear hormone receptors; Cancer; Signal Transduction; Endocrine Metabolism; Lipid Metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	133701
NCBI GeneID	6256
UniProt Accession #	P19793; Q2NL52; Q2V504
Molecular Weight	Calculated MW: 51kDa Observed MW: 60kDa
UniProt Protein Name	Retinoic acid receptor RXR-alpha
UniProt Gene Name	RXRA
UniProt Synonym Gene Names	NR2B1
UniProt Entry Name	RXRA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rxralpha-antibody-western-blot-immunofluorescence-immunocytochemistry-immunoprecipitation-chromatin-immunoprecipitation-chromatin-immunoprecipitation-elisa/28486>