

Retinoid X Receptor alpha Monoclonal Antibody | anti-RXRA antibody

Retinoid X Receptor alpha Rabbit mAb

CATALOG # AAA314452	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Retinoid X Receptor alpha; Monoclonal Antibody; Retinoid X Receptor alpha Rabbit mAb; NR2B1; anti-RXRA antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S04-6C3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-RXRA antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human Retinoid X Receptor alpha
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of Retinoid X Receptor alpha (green) in MCF-7 using Retinoid X Receptor alpha antibody at dilution 1/20, and DAPI(blue)



WB (Western Blot)

Western blot detection of Retinoid X Receptor alpha in HeLa, C6 cell lysates using Retinoid X Receptor alpha Rabbit mAb(1:500 diluted). Predicted band size:51kDa.Observed band size:51kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RXRA antibody	Receptor for retinoic acid. 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. In the absence of 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.
Product Categories/Family for anti-RXRA antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	133701
NCBI GeneID	6256
UniProt Accession #	P19793; Q2NL52; Q2V504
Molecular Weight	50,811 Da
NCBI Official Full Name	Retinoic acid receptor RXR-alpha
NCBI Official Synonym Full Names	retinoid X receptor, alpha
NCBI Official Symbol	RXRA
NCBI Official Synonym Symbols	NR2B1
NCBI Protein Information	retinoic acid receptor RXR-alpha; retinoid X nuclear receptor alpha; nuclear receptor subfamily 2 group B member 1
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/retinoid-x-receptor-alpha-antibody-clone-s04-6c3-immunofluorescence-western-blot-elisa/314452>