

ARG63678
anti-RXR alpha antibodyPackage: 100 µg, 50 µg
Store at: -20°C**Summary**

Product Description	Goat Polyclonal antibody recognizes RXR alpha
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Specificity	This antibody is expected to recognise an epitope corresponding to aa 14-28 of human RXR alpha protein and does not cross-react with either RXR beta or gamma.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RXR alpha
Species	Human
Immunogen	CQVNSSLTSPTRGSM
Conjugation	Un-conjugated
Alternate Names	NR2B1; Retinoic acid receptor RXR-alpha; Retinoid X receptor alpha; Nuclear receptor subfamily 2 group B member 1

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 6256 Human](#)

[Swiss-port # P19793 Human](#)

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 exert their action by binding, as homodimers or heterodimers, to specific sequences in the promoters of target genes and regulating their transcription. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. [provided by RefSeq, Jul 2008]

Research Area

Cancer antibody; Gene Regulation antibody; Metabolism antibody; Signaling Transduction antibody

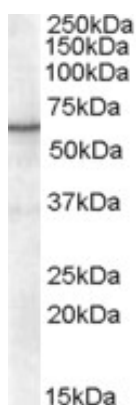
Calculated Mw

51 kDa

PTM

Phosphorylated on serine and threonine residues mainly in the N-terminal modulating domain. Constitutively phosphorylated on Ser-21 in the presence or absence of ligand. Under stress conditions, hyperphosphorylated by activated JNK on Ser-56, Ser-70, Thr-82 and Ser-260 (By similarity). Phosphorylated on Ser-27, in vitro, by PKA. This phosphorylation is required for repression of cAMP-mediated transcriptional activity of RARA. Sumoylation negatively regulates transcriptional activity. Desumoylated specifically by SENP6.

Images



ARG63678 anti-RXR alpha antibody WB image

Western Blot: nuclear HeLa lysate (35 µg protein in RIPA buffer) stained with ARG63678 anti-Retinoid X Receptor alpha antibody at 0.3 µg/ml dilution.