

ARG44008 anti-RXR alpha antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RXR alpha
Tested Reactivity	Hu, Rat
Tested Application	ELISA, FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RXR alpha
Species	Human
Immunogen	Human RXR alpha recombinant protein
Conjugation	Un-conjugated
Alternate Names	RXRA; Retinoid X Receptor Alpha; NR2B1; Nuclear Receptor Subfamily 2 Group B Member 1; RXR-Alpha; RXRalpha; Retinoic Acid Receptor RXR-Alpha; Retinoid X Nuclear Receptor Alpha; Retinoid X Receptor, Alpha

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	FACS	1-3 µg/1x10 ⁶
	WB	0.25-0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
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.

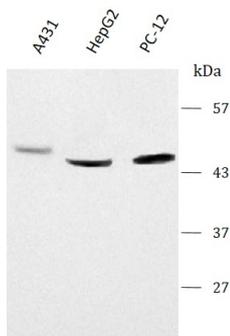
Bioinformation

Gene Symbol	RXRA
Gene Full Name	Retinoid X Receptor Alpha
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.
Function	Receptor for retinoic acid that acts as a transcription factor.
Calculated Mw	51 kDa
PTM	Acetylation, Isopeptide bond, Phosphoprotein, Ubl conjugation
Cellular Localization	Cytoplasm, Mitochondrion, Nucleus

Images

ARG44008 anti-RXR alpha antibody WB image

Western blot: A431, HepG2 and PC-12 stained with ARG44008 anti-RXR alpha antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG44008 anti-RXR alpha antibody FACS image

Flow Cytometry: Hela cells stained with ARG44008 anti-RXR alpha antibody (blue) at 1 $\mu\text{g}/1 \times 10^6$ cells dilution.

