

Datasheet for ABIN651113

anti-Retinoic X Receptor alpha antibody (AA 196-224)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Retinoic X Receptor alpha (RXRA)
Binding Specificity:	AA 196-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoic X Receptor alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RXRA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 196-224 amino acids from the Central region of human RXRA.
Clone:	RB24547
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Retinoic X Receptor alpha (RXRA)
Alternative Name:	RXRA (RXRA Products)

Target Details

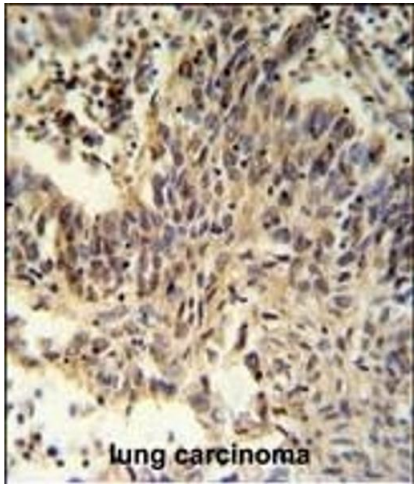
Background:	Retinoid X receptors (RXRs) and retinoic acid receptors (RARs), are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors exert their action by binding, as homodimers or heterodimers, to specific 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.
Molecular Weight:	50811
Gene ID:	6256
NCBI Accession:	NP_002948
UniProt:	P19793
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Lipid Metabolism by PPARalpha , Hepatitis C

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

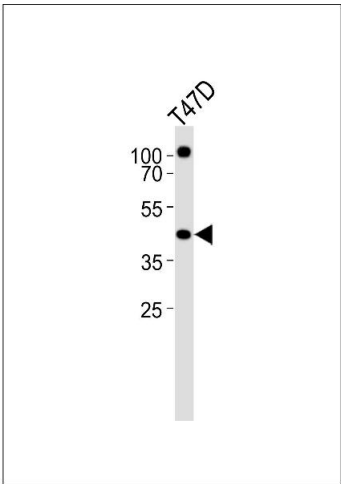
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



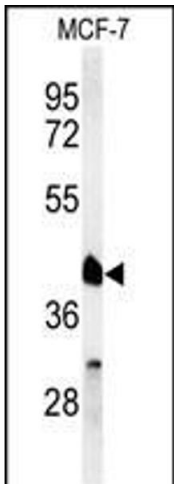
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. RXRA Antibody (Center) (ABIN651113 and ABIN2840079) IHC analysis in formalin fixed and paraffin embedded lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RXRA Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of lysate from T47D cell line, using RXRA Antibody (Center) (ABIN651113 and ABIN2840079). (ABIN651113 and ABIN2840079) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



Western Blotting

Image 3. Western blot analysis of RXRA Antibody (Center) (ABIN651113 and ABIN2840079) in MCF-7 cell line lysates (35 µg/lane). RXRA (arrow) was detected using the purified Pab.