

Datasheet for ABIN2777824

**anti-Retinoic Acid Receptor alpha antibody (C-Term)**[Go to Product page](#)**1** Image

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | Retinoic Acid Receptor alpha (RXRA)   |
| Binding Specificity: | C-Term  |
| Reactivity:          | Human, Mouse, Rat, Guinea Pig, Dog, Cow, Horse, Rabbit, Zebrafish (Danio rerio) |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This Retinoic Acid Receptor alpha antibody is un-conjugated                     |
| Application:         | Western Blotting (WB)   |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the C terminal region of human RXRA                                      |
| Sequence:             | MDKTELGLR AIVLFNPDSK GLSNPAEVEA LREKVYASLE AYCKHKYPEQ  |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%, Zebrafish: 93%          |
| Characteristics:      | This is a rabbit polyclonal antibody against RXRA. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified  |

## Target Details

|         |                                     |
|---------|-------------------------------------|
| Target: | Retinoic Acid Receptor alpha (RXRA) |
|---------|-------------------------------------|

## Target Details

|                   |  |
|-------------------|--|
| Alternative Name: | RXRA ( <a href="#">RXRA Products</a> )   |
| Background:       | <p>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. RXRA is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: FLJ16020, FLJ16733, MGC102720, NR2B1</p> <p>Protein Interaction Partner: PPARG, VDR, NCOA1, NSD1, UBC, NR1I3, NCOA4, THRB, THRA, ALOX15B, RARA, PPARA, CHD9, PRKD2, NR0B2, STAT1, NR3C2, SMAD2, GK, JAZF1, ACVR1B, NR1I2, NCOA2, PSMC5, RAD54L2, ARID5A, PML, SUMO1, ESR2, ESR1, BHLHE40, BHLHE41, NR4A1, EP300, NCOR1, NCOA6, NCOA3, TR</p> <p>Protein Size: 462</p> |
| Molecular Weight: | 51 kDa   |
| Gene ID:          | 6256   |
| NCBI Accession:   | <a href="#">NM_002957</a> , <a href="#">NP_002948</a>  |
| UniProt:          | <a href="#">P19793</a>   |
| Pathways:         | <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Retinoic Acid Receptor Signaling Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Hepatitis C</a>   |

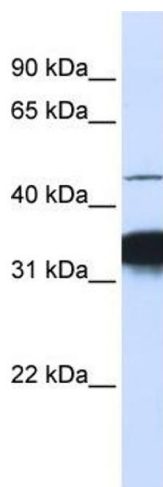
## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 462 AA   |
| Restrictions:      | For Research Use only  |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | Lot specific  |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.  |
| Storage:           | -20 °C  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-RXRA Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate