

Datasheet for ABIN2782291

**anti-Retinoid X Receptor gamma antibody (N-Term)**[Go to Product page](#)**1** Image**1** Publication

## Overview

Quantity:	100 µL
Target:	Retinoid X Receptor gamma (RXRG)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoid X Receptor gamma antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RXRG
Sequence:	NVVNSVSSSE DIKPLPGLPG IGNMNYPSTS PGSLVKHICA ICGDRSSGKH
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RXRG. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	Retinoid X Receptor gamma (RXRG)
---------	----------------------------------

## Target Details

Alternative Name:	RXRG ( <a href="#">RXRG Products</a> )
Background:	<p>RXRG encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. RXRG is expressed at significantly lower levels in non-small cell lung cancer cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.</p> <p>Alias Symbols: NR2B3, RXRC</p> <p>Protein Interaction Partner: NR1H3, NR1H2, RARB, RARA, MPPED2, UBC, CUL1, DCK, NR1H4, NCOR2, NR1I2, VDR, THRB, RARG, PPARD, MAP4, CAMK2B, CEBPZ, HOXD4, AJUBA, RPAP2, LRSAM1, PNO1, CHGB, THRA, NCOA6, PPARG, SRF, CREBBP, PPARA, NR4A1, Nr0b2, ITGB3BP,</p> <p>Protein Size: 463</p>
Molecular Weight:	51 kDa
Gene ID:	6258
NCBI Accession:	<a href="#">NM_006917</a> , <a href="#">NP_008848</a>
UniProt:	<a href="#">P48443</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>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 463 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
---------	--------

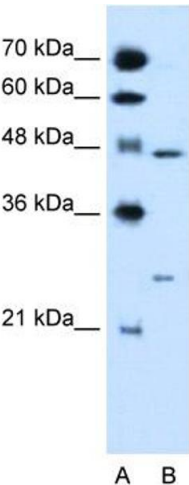
## Handling

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.

## Publications

Product cited in:	Bungard, McGivan: "Identification of the promoter elements involved in the stimulation of ASCT2 expression by glutamine availability in HepG2 cells and the probable involvement of FXR/RXR dimers." in: <b>Archives of biochemistry and biophysics</b> , Vol. 443, Issue 1-2, pp. 53-9, (2005) ( <a href="#">PubMed</a> ).
-------------------	---

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-RXRG Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate