

## ARG41053 anti-Retinoid X Receptor gamma antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Retinoid X Receptor gamma
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Retinoid X Receptor gamma
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-137 of Human Retinoid X Receptor gamma (NP_008848.1).
Conjugation	Un-conjugated
Alternate Names	NR2B3; Nuclear receptor subfamily 2 group B member 3; Retinoid X receptor gamma; Retinoic acid receptor RXR-gamma; RXRC

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat	
Observed Size	60 kDa	

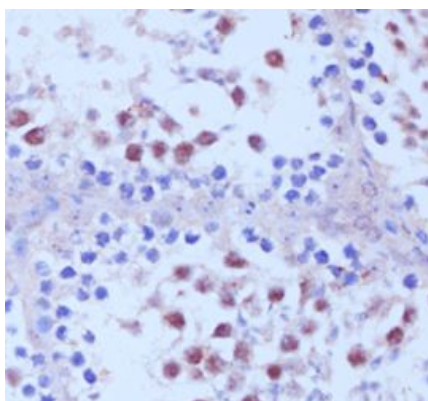
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

## Bioinformation

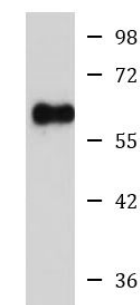
Gene Symbol	RXRG
Gene Full Name	retinoid X receptor, gamma
Background	This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid 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. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jun 2010]
Function	Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. The high affinity ligand for RXRs is 9-cis retinoic acid (By similarity). [UniProt]
Calculated Mw	51 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



ARG41053 anti-Retinoid X Receptor gamma antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse testis stained with ARG41053 anti-Retinoid X Receptor gamma antibody at 1:100 dilution.



Jurkat

ARG41053 anti-Retinoid X Receptor gamma antibody WB image

Western blot: 25 µg of Jurkat cell lysate stained with ARG41053 anti-Retinoid X Receptor gamma antibody at 1:1000 dilution.