

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.

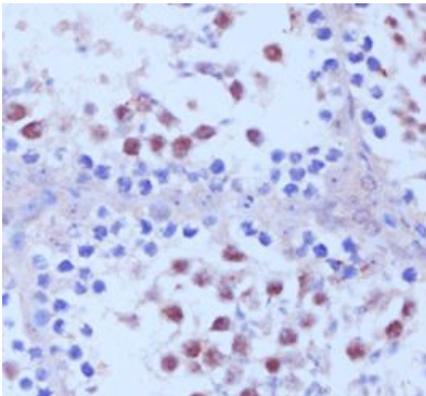
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

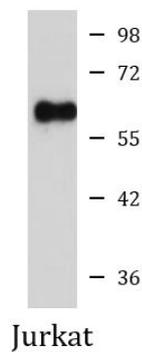
Gene Symbol	RXRG
Gene Full Name	retinoid X receptor, gamma
Background	This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid 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.



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.