


Anti-Retinoic Acid Receptor gamma antibody ab97569

[1 Abreviews](#) [1 References](#) [1 Image](#)

Overview

Product name	Anti-Retinoic Acid Receptor gamma antibody
Description	Rabbit polyclonal to Retinoic Acid Receptor gamma
Host species	Rabbit
Tested applications	Suitable for: ICC/IF Unsuitable for: WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Cow, Pig, Zebrafish 
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 119 - 439 of Human Retinoic Acid Receptor gamma (NP_000957).
Positive control	IF: HeLa cells
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab97569 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/200.

Application notes

Is unsuitable for WB.

Target

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. In the absence of ligand, acts mainly as an activator of gene expression due to weak binding to corepressors. Required for limb bud development. In concert with RARA or RARB, required for skeletal growth, matrix homeostasis and growth plate function.

Sequence similarities

Belongs to the nuclear hormone receptor family. NR1 subfamily.
Contains 1 nuclear receptor DNA-binding domain.

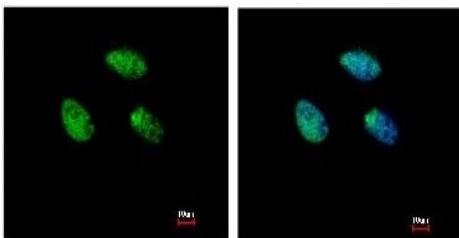
Domain

Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.

Cellular localization

Nucleus.

Images



ab97569, at a 1/200 dilution, staining Retinoic Acid Receptor gamma in paraformaldehyde-fixed HeLa cells, by Immunofluorescence analysis. Right image is merged with a DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-Retinoic Acid Receptor gamma antibody (ab97569)

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