



Datasheet for ABIN2855517

anti-Retinoic Acid Receptor gamma antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Retinoic Acid Receptor gamma (RARG)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoic Acid Receptor gamma antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Retinoic Acid Receptor gamma. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Retinoic Acid Receptor gamma (retinoic acid receptor, gamma) Retinoic Acid Receptor gamma antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Retinoic Acid Receptor gamma (RARG)
Alternative Name:	retinoic acid receptor gamma (RARG Products)

Target Details

Background: Retinoic acid receptors (RARs), such as RARG, are nuclear hormone receptors that act as ligand-dependent transcriptional regulators. In their liganded state, RARs activate transcription, whereas in their nonliganded form, they repress transcription of their target genes. RARs have numerous target genes, which have retinoic response elements in their promoter regions (summary by Walkley et al., 2007 [PubMed 17574023]).[supplied by OMIM]

Cellular Localization: Nucleus

Molecular Weight: 50 kDa

Gene ID: 5916

UniProt: [P13631](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Retinoic Acid Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Cell Size](#)

Application Details

Application Notes: ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

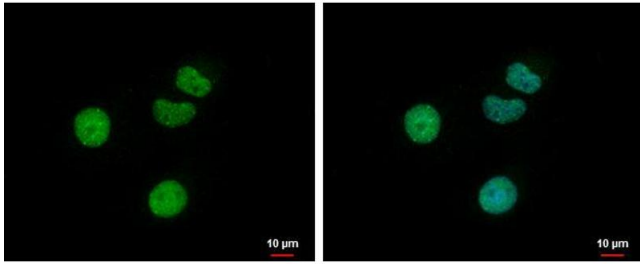
Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunofluorescence

Image 1. ICC/IF Image Retinoic Acid Receptor gamma antibody detects Retinoic Acid Receptor gamma protein at nucleus by immunofluorescent analysis. Sample: MCF7 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Retinoic Acid Receptor gamma protein stained by Retinoic Acid Receptor gamma antibody , diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 µm.