

Datasheet for ABIN2855516

anti-Retinoic Acid Receptor gamma antibody**2** Images[Go to Product page](#)

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:	Western Blotting (WB)

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, Mouse
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

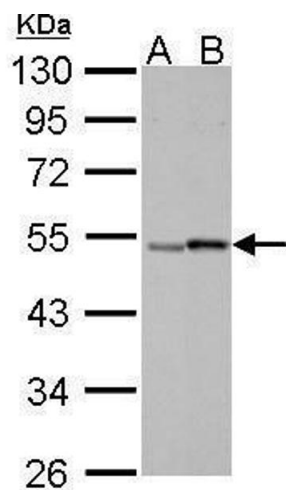
Background:	Retinoic acid receptors (RARs), such as RARG, are nuclear hormone receptors that act as ligand-dependent transcriptional regulators. In their liganded state, RARs activate transcription, whereas in their nonliganded form, they repress transcription of their target genes. RARs have numerous 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:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A549 , HCT116 , Neuro2A
Restrictions:	For Research Use only

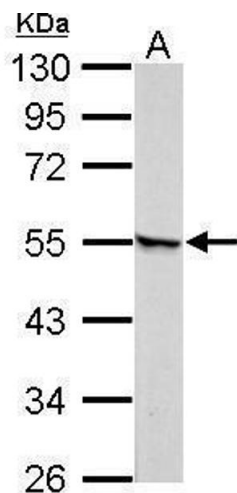
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % 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.



Western Blotting

Image 1. WB Image Retinoic Acid Receptor gamma antibody detects RARG protein by Western blot analysis. A. 30 µg A549 whole cell lysate/extract B. 30 µg HCT116 whole cell lysate/extract 10 % SDS-PAGE Retinoic Acid Receptor gamma antibody , dilution: 1:1000



Western Blotting

Image 2. WB Image Retinoic Acid Receptor gamma antibody detects RARG protein by Western blot analysis. A. 30 µg Neuro2A whole cell lysate/extract 10 % SDS-PAGE Retinoic Acid Receptor gamma antibody , dilution: 1:1000