

Datasheet for ABIN6242623

anti-Retinoic Acid Receptor gamma antibody (AA 209-243)[Go to Product page](#)**1** Image

Overview

Quantity:	80 µL
Target:	Retinoic Acid Receptor gamma (RARG)
Binding Specificity:	AA 209-243
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoic Acid Receptor gamma antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This RARG antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 209-243 amino acids from the Central region of human RARG.
Clone:	RB49675
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Retinoic Acid Receptor gamma (RARG)
Alternative Name:	RARG (RARG Products)
Background:	Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response

Target Details

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 (By similarity).

Molecular Weight: 50342

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: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

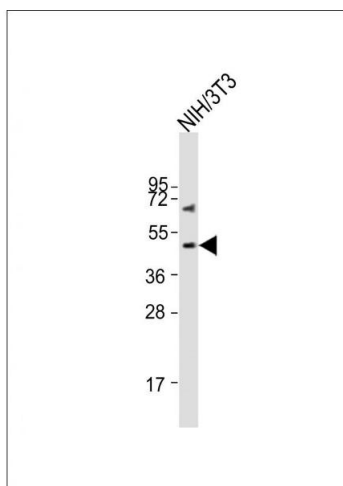
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Anti-RARG Antibody (Center) at 1:2000 dilution + NIH/3T3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 50 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.