

Datasheet for ABIN7167803

anti-Retinoic Acid Receptor gamma antibody (AA 13-87)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Retinoic Acid Receptor gamma (RARG)
Binding Specificity:	AA 13-87
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Retinoic acid receptor gamma protein (13-87AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Retinoic Acid Receptor gamma (RARG)
Alternative Name:	RARG (RARG Products)
Background:	Background: 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

Target Details

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).

Aliases: NR1B3 antibody, Nuclear receptor subfamily 1 group B member 3 antibody, RAR gamma antibody, RAR gamma isoform 2 antibody, RAR gamma2 antibody, RAR-gamma antibody, RARC antibody, Rarg antibody, RARG_HUMAN antibody, retinoic acid nuclear receptor gamma variant 1 antibody, retinoic acid nuclear receptor gamma variant 2 antibody, Retinoic acid receptor gamma antibody

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: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

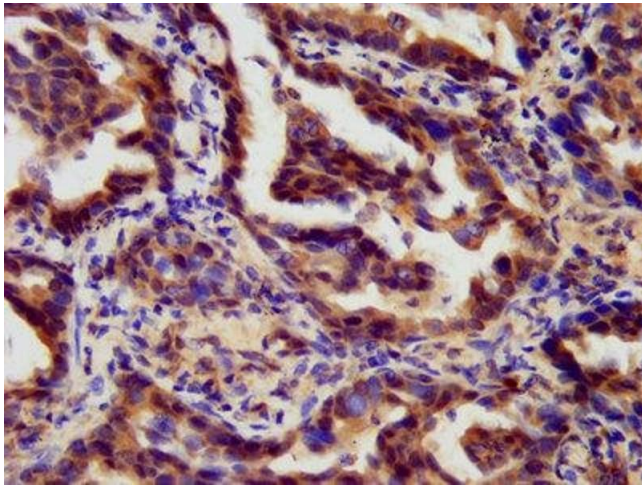
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

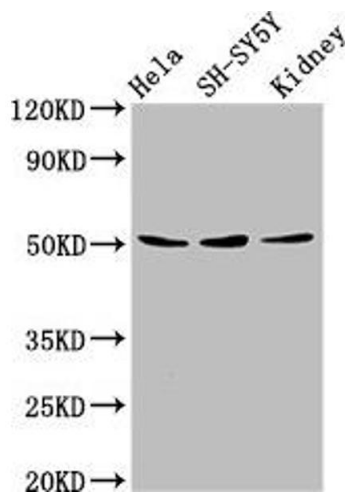
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7167803 diluted at 1:300 and staining in paraffin-embedded human lung cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, SH-SY5Y whole cell lysate, Mouse kidney tissue. All lanes: RARG antibody at 8 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 51, 50, 43, 48 kDa. Observed band size: 51 kDa.