

## Product Information

**Size:**

50ug

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000,  
IHC:1:200-1:500

**Protein 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 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.

**Gene ID:**

RARG

**Uniprot**

P13631

**Synonyms:**

Retinoic acid, receptor gamma (RAR-gamma) (Nuclear receptor subfamily 1 group B member 3), RARG, NR1B3

**Immunogen:**

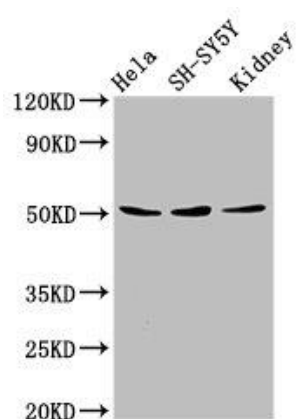
Recombinant Human Retinoic acid, receptor &gamma; protein (13-87AA).

**Storage:**

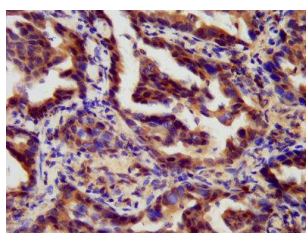
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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



IHC image of PACO56940 diluted at 1:300 and staining in paraffin-embedded human lung cancer performed on a Leica Bond<sup>TM</sup> 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 $^{\circ}$ C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.