

For Research Use Only

RARG Polyclonal antibody

Catalog Number: 11424-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

11424-1-AP

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1991

GenBank Accession Number:

BC019098

GeneID (NCBI):

5916

UNIPROT ID:

P13631

Full Name:

retinoic acid receptor, gamma

Calculated MW:

454 aa, 50 kDa

Observed MW:

48-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, CoIP, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, MCF-7 cells

IP : MCF-7 cells,

Background Information

Retinoic acid receptors (RARs) 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 [PMID:17574023]. RARG is a member of the retinoid acid receptor (RAR) family, along with RARA, which is known to be involved PML/RARA fusion of acute promyelocytic leukemia, and RARB. and rearrangement that conferred to leukemic cells acute promyelocytic leukemia-like morphologic and immunophenotypic features [PMID:20935257].

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|-----------------|-------------|
| Lin Xiu | 36523991 | Front Oncol | WB,IHC |
| Tomoko Kawai | 27022678 | Endocrinology | IF |
| Yao Zhang | 36031407 | Adv Sci (Weinh) | ChIP |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

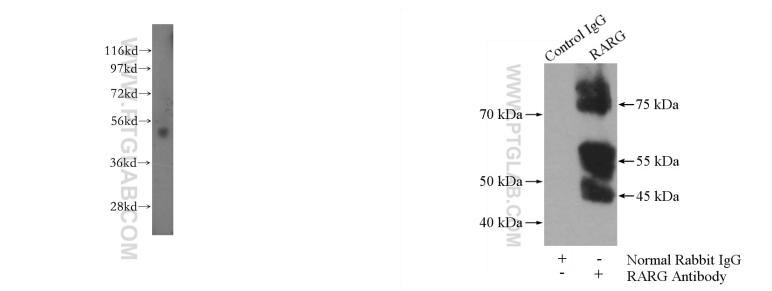
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 11424-1-AP (RARG antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.

IP result of anti-RARG (IP:11424-1-AP, 4ug; Detection:11424-1-AP 1:300) with MCF-7 cells lysate 1120ug.