

For Research Use Only

RARG Polyclonal antibody

Catalog Number: 11424-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 11424-1-AP	GenBank Accession Number: BC019098	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5916	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: retinoic acid receptor, gamma	
Isotype: IgG	Calculated MW: 454 aa, 50 kDa	
Immunogen Catalog Number: AG1991	Observed MW: 48-50 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : HeLa cells, MCF-7 cells
Cited Applications: ChIP, IF, IHC, WB	IP : MCF-7 cells,
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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

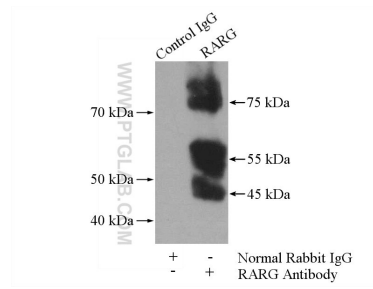
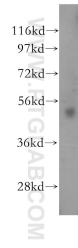
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.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.