

For Research Use Only

# RARG Recombinant antibody, PBS Only (Detector)

Catalog Number: 86098-1-PBS



## Basic Information

Catalog Number: 86098-1-PBS	GenBank Accession Number: BC019098	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 5916	CloneNo.: 250399C1
Source: Rabbit	UNIPROT ID: P13631	
Isotype: IgG	Full Name: retinoic acid receptor, gamma	
Immunogen Catalog Number: AG1991	Calculated MW: 454 aa, 50 kDa	
	Observed MW: 50-60kDa	

## Applications

**Tested Applications:**  
WB, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## 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).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

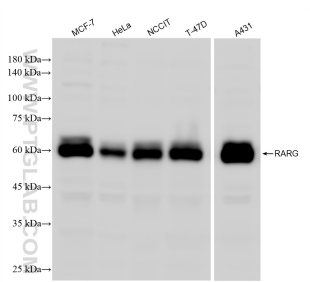
T: 4006900926

E: Proteintech-CN@ptglab.com

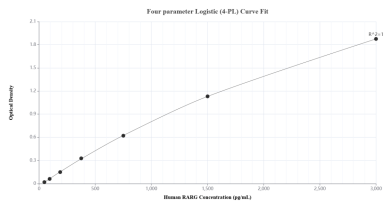
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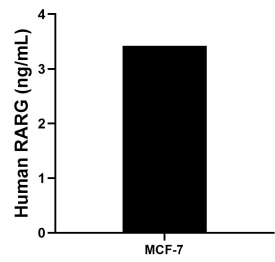
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86098-1-RR (RARG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86098-1-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP02317-1, Human RARG Recombinant Matched Antibody Pair - PBS only. 86098-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1991. 86098-1-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL.



The mean RARG concentration was determined to be 3.4 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.