

For Research Use Only

RXRG Polyclonal antibody

Catalog Number: 11129-1-AP

3 Publications



Basic Information

Catalog Number:

11129-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1611

GenBank Accession Number:

BC012063

GeneID (NCBI):

6258

UNIPROT ID:

P48443

Full Name:

retinoid X receptor, gamma

Calculated MW:

51 kDa

Observed MW:

51-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF, PLA

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, mouse ovary tissue

IHC : rat eye tissue, mouse skeletal muscle tissue

Background Information

RXRG, also named as, Retinoic acid receptor RXR-gamma, is a 463 amino acid protein, which localize in the nucleus and may form homodimer. 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Maraiza Alves Teixeira	33618332	Aging (Albany NY)	PLA
Emanuela Nocita	31390799	Cells	WB
Craig A Gelfand	32755324	Am J Physiol Lung Cell Mol Physiol	IF

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

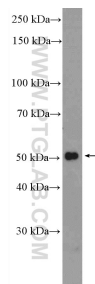
For technical support and original validation data for this product please contact:

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.

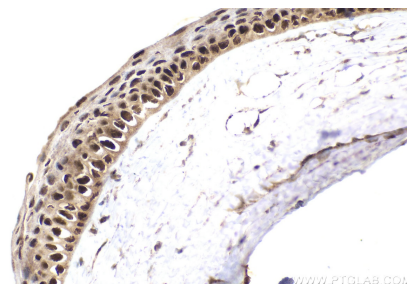
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 11129-1-AP (RXRG Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat eye tissue slide using 11129-1-AP (RXRG antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat eye tissue slide using 11129-1-AP (RXRG antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).