

For Research Use Only

RXRG Polyclonal antibody

Catalog Number: 11129-1-AP

3 Publications



Basic Information

Catalog Number: 11129-1-AP	GenBank Accession Number: BC012063	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6258	Recommended Dilutions: WB 1:500-1:1000 IHC 1:250-1:1000
Source: Rabbit	Full Name: retinoid X receptor, gamma	
Isotype: IgG	Calculated MW: 51 kDa	
Immunogen Catalog Number: AG1611	Observed MW: 51-55 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, PLA, WB	WB : mouse heart tissue, Jurkat cells, mouse ovary tissue
Species Specificity: human, mouse, rat	IHC : rat eye tissue, mouse skeletal muscle tissue
Cited Species: human, rat, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

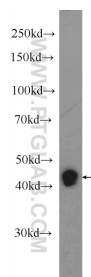
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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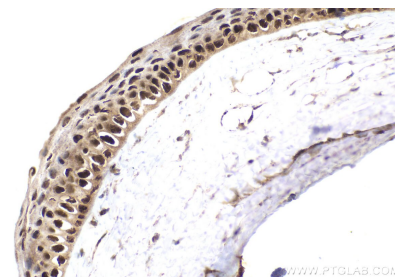
Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 11129-1-AP (RXRG Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.



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).