

For Research Use Only

# RXRB Polyclonal antibody

Catalog Number: 14684-1-AP

1 Publications



## Basic Information

### Catalog Number:

14684-1-AP

### Size:

150ul, Concentration: 500 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0263

### GenBank Accession Number:

BC001167

### GeneID (NCBI):

6257

### Full Name:

retinoid X receptor, beta

### Calculated MW:

57 kDa

### Observed MW:

57 kDa, 70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

IF

### Species Specificity:

human, mouse, rat

### Cited Species:

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: NIH/3T3 cells, MCF-7 cells

IP: MCF-7 cells,

IHC: human colon cancer tissue,

## Background Information

Retinoid X Receptor beta (RXRB) is a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid. RXRB heterodimerizes with other nuclear hormone receptors, such as RAR, the thyroid hormone receptor and the vitamin D3 receptor, to enhance binding to their cognate response elements. (PMID: 8257090)

## Notable Publications

Author	Pubmed ID	Journal	Application
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

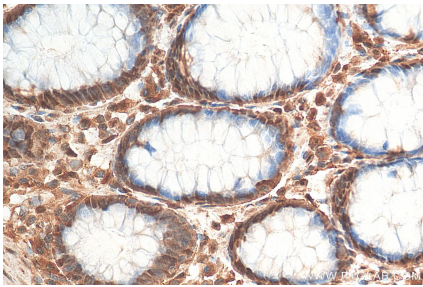
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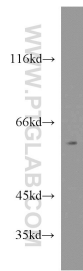
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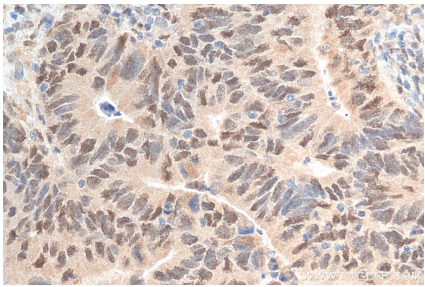
Selected Validation Data



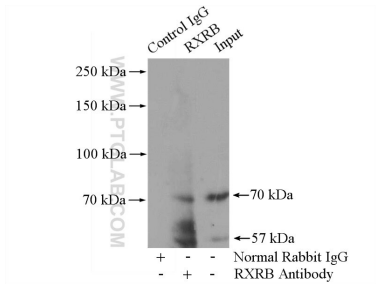
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14684-1-AP (RXRB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 14684-1-AP (RXRB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14684-1-AP (RXRB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-RXRB (IP:14684-1-AP, 4ug; Detection:14684-1-AP 1:500) with MCF-7 cells lysate 1200ug.