

For Research Use Only

RXRB Polyclonal antibody

Catalog Number: 14684-1-AP

2 Publications



Basic Information

Catalog Number:

14684-1-AP

Concentration:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0263

GenBank Accession Number:

BC001167

GeneID (NCBI):

6257

UNIPROT ID:

P28702

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 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

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 : 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
Ming Jin	40082671	Exp Mol Med	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

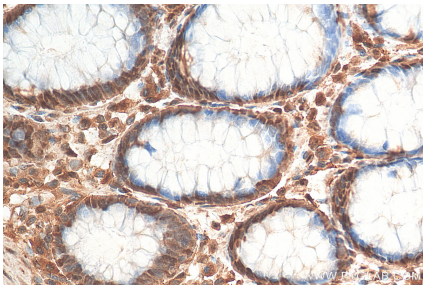
T: 4006900926

E: Proteintech-CN@ptglab.com

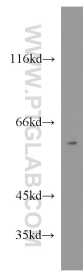
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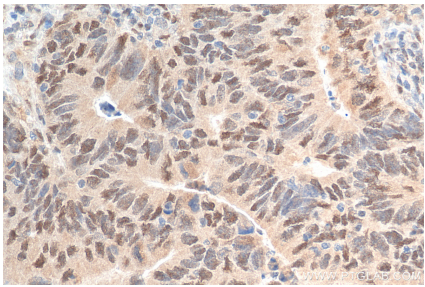
Selected Validation Data



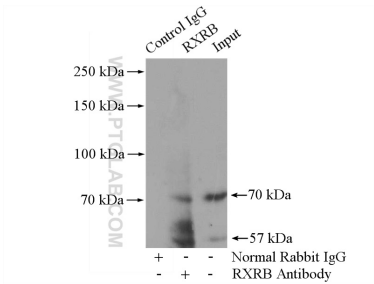
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14684-1-AP (RXRB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.