

For Research Use Only

# RELB Polyclonal antibody

Catalog Number: 29601-1-AP



## Basic Information

### Catalog Number:

29601-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG30334

### GenBank Accession Number:

BC028013

### GeneID (NCBI):

5971

### UNIPROT ID:

Q01201

### Full Name:

v-rel reticuloendotheliosis viral oncogene homolog B

### Calculated MW:

62 kDa

### Observed MW:

62-65 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Species Specificity:

human

**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: Raji cells, Ramos cells

IP: Raji cells,

IHC: human ovary cancer tissue,

## Background Information

RELB is one of the more unusual members of the NF- $\kappa$ B family, it is best known for its roles in lymphoid development, DC biology, and noncanonical signaling. RELB is capable of direct binding to the AhR that supports the xenobiotic-detoxifying pathway. RELB can regulate the circadian rhythm by directly binding to the BMAL partner of CLOCK.

## 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

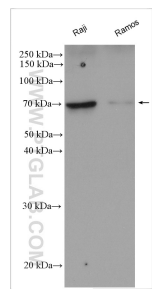
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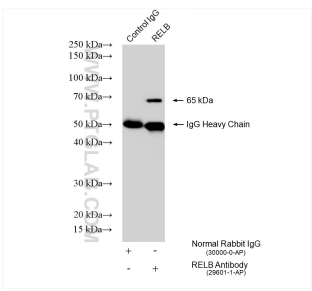
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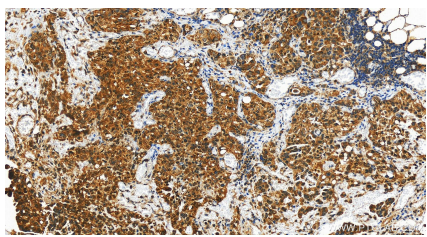
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29601-1-AP (RELB antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-RELB (IP:29601-1-AP, 4ug; Detection:29601-1-AP 1:1000) with Raji cells lysate 2840 ug.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 29601-1-AP (RELB antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).