

For Research Use Only

# cIAP2 Polyclonal antibody

Catalog Number: 24304-1-AP

20 Publications



## Basic Information

### Catalog Number:

24304-1-AP

### Size:

1000 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20143

### GenBank Accession Number:

BC027485

### GeneID (NCBI):

330

### UNIPROT ID:

Q13489

### Full Name:

baculoviral IAP repeat-containing 3

### Calculated MW:

604 aa, 68 kDa

### Observed MW:

68 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

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

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### 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:** Daudi cells, HeLa cells, RAW 264.7 cells, U-937 cells, Raji cells

**IP:** Daudi cells,

**IHC:** human tonsillitis tissue, human lung cancer tissue, human testis tissue

## Background Information

cIAP2 also known as BIRC3, is a member of the Inhibitor of Apoptosis Protein (IAP) family. cIAP2 is induced by inflammatory stimuli and plays a critical role in regulating adaptive and innate immune responses, cell death, and the production of inflammatory mediators. Its dysregulation is associated with various diseases, including cancer and neuroinflammatory conditions. Understanding the mechanisms by which cIAP2 functions and interacts with other cellular components is essential for developing targeted therapies.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jinguo Zhang	33042828	Front Oncol	IHC
Yu Zhang	36204886	J Cancer Res Ther	WB, IHC
Lei Wang	32882585	Biomed Pharmacother	WB

## 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

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

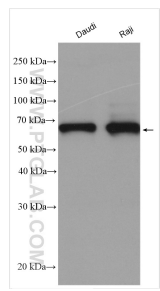
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

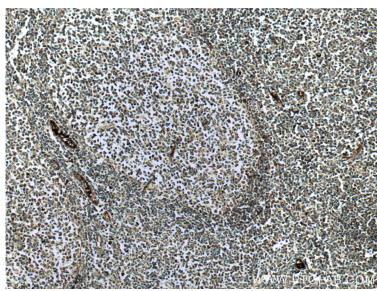
W: [ptgcn.com](http://ptgcn.com)

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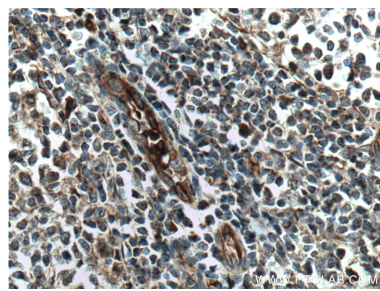
Selected Validation Data



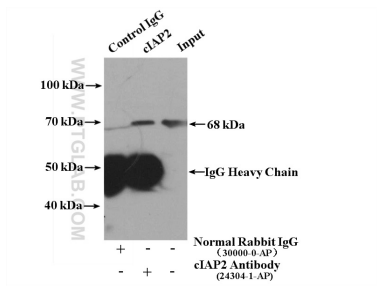
Various lysates were subjected to SDS PAGE followed by western blot with 24304-1-AP (cIAP2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24304-1-AP (cIAP2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24304-1-AP (cIAP2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-cIAP2 (IP:24304-1-AP, 4ug; Detection:24304-1-AP 1:1000) with Daudi cells lysate 2800ug.