

For Research Use Only

# NR4A1 Polyclonal antibody

Catalog Number: 25851-1-AP

Featured Product

21 Publications



## Basic Information

### Catalog Number:

25851-1-AP

### Size:

400 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG23088

### GenBank Accession Number:

BC016147

### GeneID (NCBI):

3164

### UNIPROT ID:

P22736

### Full Name:

nuclear receptor subfamily 4, group A, member 1

### Calculated MW:

598 aa, 64 kDa

### Observed MW:

64-68 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, IHC, IF

### 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 : HL-60 cells, PC-3 cells, HepG2 cells

IP : HeLa cells,

IHC : mouse colon tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yu Zheng	35311465	Bioengineered	WB
Zhi Li	28881845	Oncotarget	IHC
Songhan Li	35360240	Front Physiol	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:

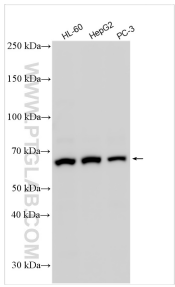
T: 4006900926

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

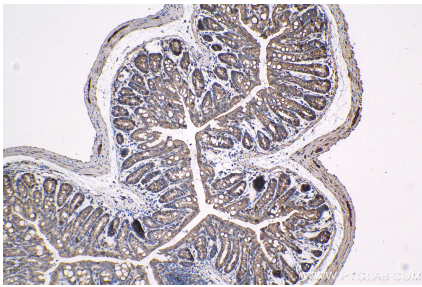
W: [ptgcn.com](http://ptgcn.com)

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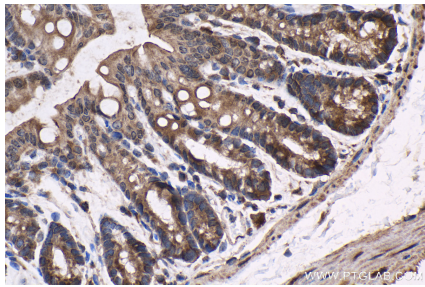
Selected Validation Data



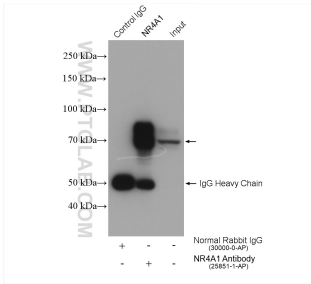
Various lysates were subjected to SDS PAGE followed by western blot with 25851-1-AP (NR4A1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 25851-1-AP (NR4A1 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 mouse colon tissue slide using 25851-1-AP (NR4A1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-NR4A1 (IP:25851-1-AP, 4ug; Detection:25851-1-AP 1:500) with HeLa cells lysate 1720 ug.