

For Research Use Only

# INTS7 Polyclonal antibody

Catalog Number: 17054-1-AP

4 Publications



## Basic Information

### Catalog Number:

17054-1-AP

### Size:

300 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10755

### GenBank Accession Number:

BC020523

### GeneID (NCBI):

25896

### UNIPROT ID:

Q9NVH2

### Full Name:

integrator complex subunit 7

### Calculated MW:

948 aa, 105 kDa

### Observed MW:

107 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2400

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : HEK-293 cells, A431 cells

IHC : human brain tissue,

IF/ICC : SH-SY5Y cells,

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

## Background Information

INTS7 is a subunit of the integrator complex. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes. Plays a role in DNA damage response (DDR) signaling during the S phase (PMID: 21659603).

## Notable Publications

| Author   | Pubmed ID | Journal             | Application |
|----------|-----------|---------------------|-------------|
| Yubo Liu | 34880777  | Front Physiol       | WB,IF,IP    |
| Xiang Li | 34781123  | Int Immunopharmacol | IHC         |
| Xiang Li | 39465338  | Sci Rep             | WB,IHC      |

## 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:

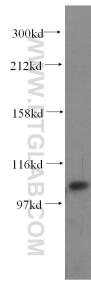
T: 4006900926

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

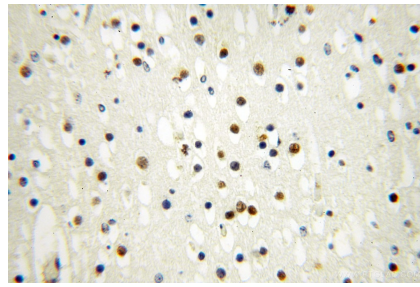
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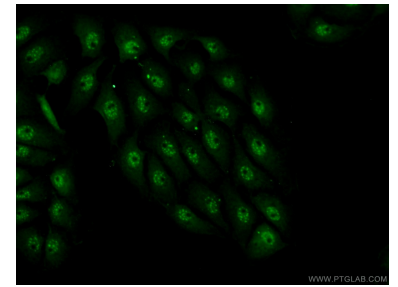
## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 17054-1-AP (INTS7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 17054-1-AP (INTS7 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of SH-SY5Y cells using 17054-1-AP (INTS7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).