

For Research Use Only

# INTS7 Polyclonal antibody

Catalog Number: 17054-1-AP **4 Publications**



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>17054-1-AP   | <b>GenBank Accession Number:</b><br>BC020523      | <b>Purification Method:</b><br>Antigen affinity purification                            |
| <b>Size:</b><br>150ul , Concentration: 300 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>25896                    | <b>Recommended Dilutions:</b><br>WB 1:500-1:2400<br>IHC 1:20-1:200<br>IF/ICC 1:20-1:200 |
| <b>Source:</b><br>Rabbit   | <b>UNIPROT ID:</b><br>Q9NVH2                      |   |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>integrator complex subunit 7 |   |
| <b>Immunogen Catalog Number:</b><br>AG10755  | <b>Calculated MW:</b><br>948 aa, 105 kDa          |   |
|  | <b>Observed MW:</b><br>107 kDa                    |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, IHC, IF/ICC, ELISA  | <b>Positive Controls:</b><br>WB : HEK-293 cells, A431 cells<br>IHC : human brain tissue,<br>IF/ICC : SH-SY5Y cells, |
| <b>Cited Applications:</b><br>WB, IHC, IF, IP, CoIP  |   |
| <b>Species Specificity:</b><br>human, mouse, rat   |   |
| <b>Cited Species:</b><br>human, mouse  |   |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |   |

## 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

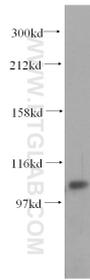
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

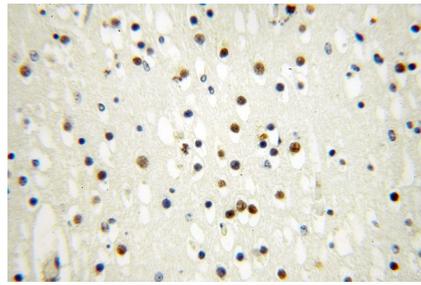
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

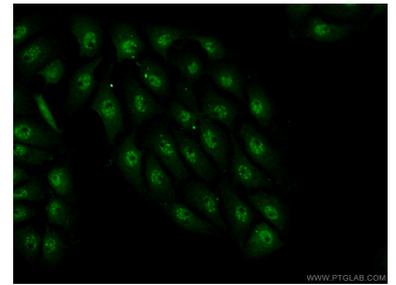
## Selected Validation Data



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).