

For Research Use Only

# INTS7 Polyclonal antibody

Catalog Number: 17054-1-AP **3 Publications**



## Basic Information

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

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, A431 cells IHC : human brain tissue, IF : SH-SY5Y cells,
<b>Cited Applications:</b> CoIP, IF, IHC, IP, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> 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
Yubo Liu	37576499	PeerJ	WB, CoIP

## Storage

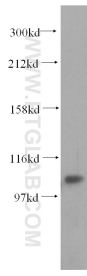
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

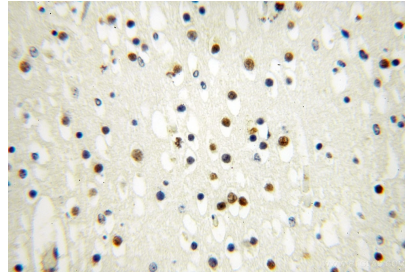
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

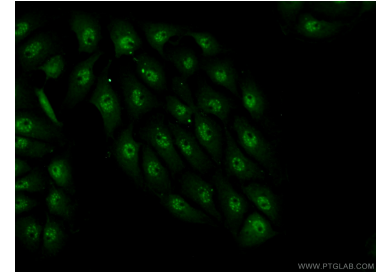
## Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L).