

For Research Use Only

INTS7 Polyclonal antibody

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



Basic Information

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

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HEK-293 cells, A431 cells
Cited Applications: WB, IHC, IF, IP, CoIP	IHC : human brain tissue,
Species Specificity: human, mouse, rat	IF/ICC : SH-SY5Y cells,
Cited Species: human, mouse	
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

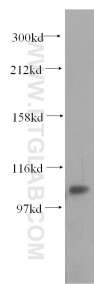
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

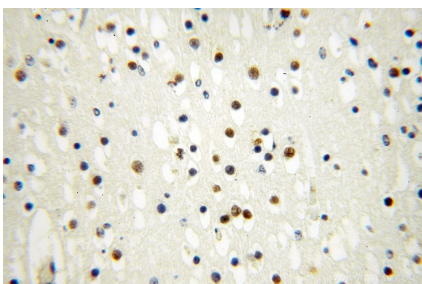
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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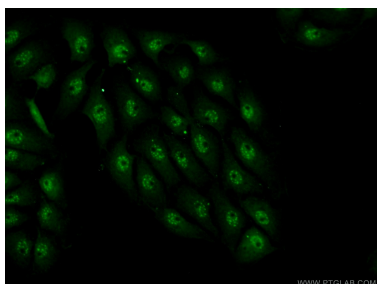
Selected Validation Data



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).