

For Research Use Only

INTS3 Polyclonal antibody

Catalog Number: 16620-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

16620-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9917

GenBank Accession Number:

BC025254

GeneID (NCBI):

65123

UNIPROT ID:

Q68E01

Full Name:

integrator complex subunit 3

Calculated MW:

118 kDa

Observed MW:

118 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:200-1:1000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF, ChIP

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, mouse testis tissue, rat testis tissue

IP : HEK-293 cells,

IHC : human ovary cancer tissue,

Background Information

INTS3 is a member of the integrator complex characterised as an RNA polymerase II (RNAPII) C-terminal domain binding factor involved in the processing of small nuclear RNAs (snRNAs) (PMID: 16239144). INTS3 was overexpressed in colorectal cancer (CRC) patients and tumour cell lines and inhibited CRC apoptosis by promoting the degradation of pro-apoptotic gene transcripts (PMID: 38665208).

Notable Publications

Author	Pubmed ID	Journal	Application
Hai Zheng	33243860	Science	WB
Kai-Lieh Huang	32966759	Mol Cell	WB
Lauren G. Mascibroda	36229431	Nat Commun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

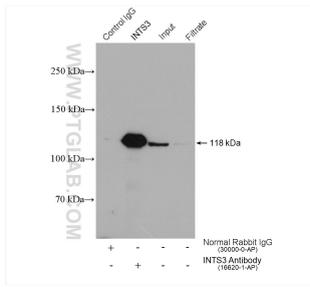
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

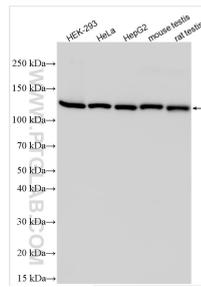
E: proteintech@ptglab.com
W: ptglab.com

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

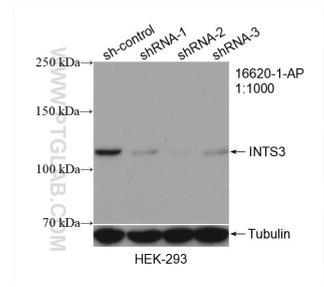
Selected Validation Data



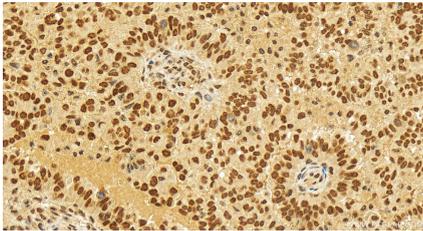
IP result of anti-INTS3 (IP:16620-1-AP, 4ug; Detection:16620-1-AP 1:1000) with HEK-293 cells lysate 1360 ug.



Various lysates were subjected to SDS PAGE followed by western blot with 16620-1-AP (INTS3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



WB result of INTS3 antibody (16620-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-INTS3 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 16620-1-AP (INTS3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).