

For Research Use Only

INTS5 Polyclonal antibody

Catalog Number: 14069-1-AP **5 Publications**



Basic Information

Catalog Number: 14069-1-AP	GenBank Accession Number: BC060841	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 80789	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	Full Name: integrator complex subunit 5	
Isotype: IgG	Calculated MW: 108 kDa	
Immunogen Catalog Number: AG5129	Observed MW: 108 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: HeLa cells, human brain tissue, NIH/3T3 cells, SKOV-3 cells
Species Specificity: human, mouse, rat	IP: HeLa cells,
Cited Species: human, mouse	IHC: human prostate cancer tissue,
	IF: HeLa 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

INTS5, also named as INT5 and KIAA1698, is a component of the Integrator complex which involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Hai Zheng	33243860	Science	WB
Lauren G. Mascibroda	36229431	Nat Commun	WB
Xinxin Wang	35476980	Cell Rep	WB

Storage

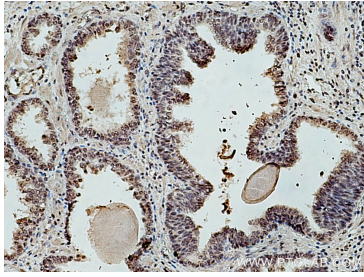
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

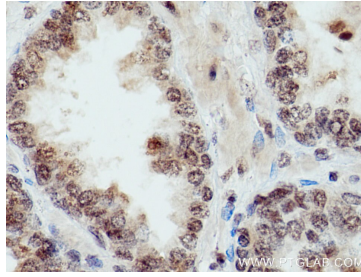
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

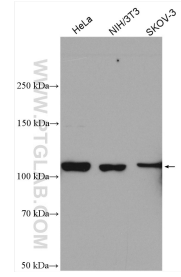
Selected Validation Data



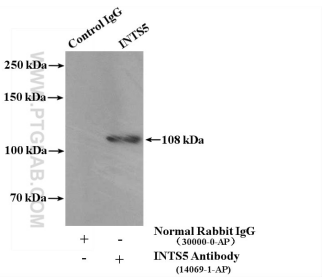
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 14069-1-AP (INTS5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



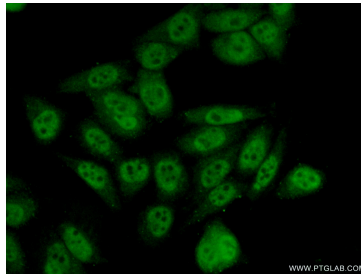
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 14069-1-AP (INTS5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



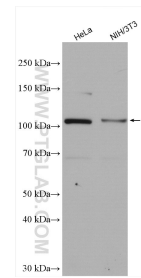
Various lysates were subjected to SDS PAGE followed by western blot with 14069-1-AP (INTS5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP Result of anti-INTS5 (IP:14069-1-AP, 4ug; Detection:14069-1-AP 1:1000) with HeLa cells lysate 2000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 14069-1-AP (INTS5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 14069-1-AP (INTS5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.