

For Research Use Only

# INTS5 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 14069-1-AP	<b>GenBank Accession Number:</b> BC060841	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 80789	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6P9B9	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG	<b>Full Name:</b> integrator complex subunit 5	IHC 1:50-1:500
<b>Immunogen Catalog Number:</b> AG5129	<b>Calculated MW:</b> 108 kDa	IF 1:20-1:200
	<b>Observed MW:</b> 108 kDa	

## Applications

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

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

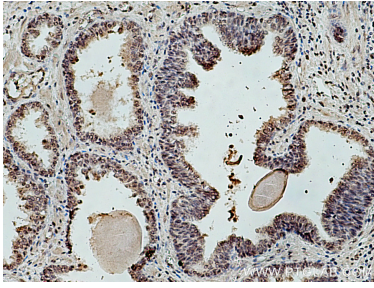
T: 4006900926

E: Proteintech-CN@ptglab.com

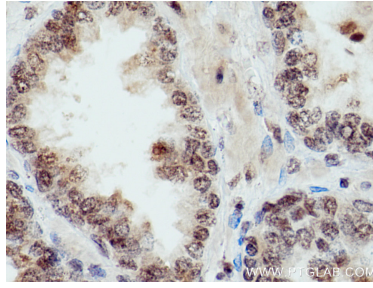
W: ptgcn.com

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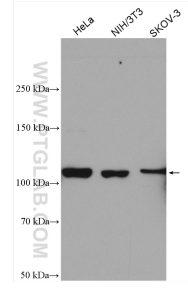
## Selected Validation Data



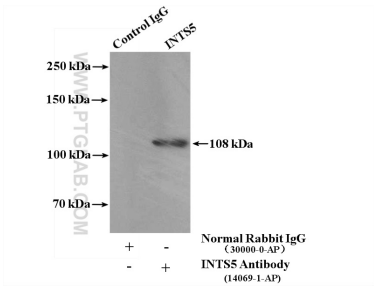
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 14069-1-AP (INTS5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



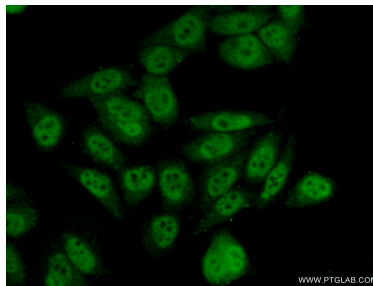
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 14069-1-AP (INTS5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



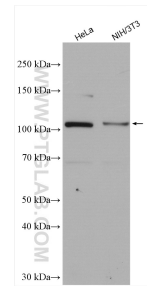
Various lysates were subjected to SDS PAGE followed by western blot with 14069-1-AP (INTS5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.