

For Research Use Only

TNKS Polyclonal antibody

Catalog Number: 18030-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

18030-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12597

GenBank Accession Number:

BC098394

GeneID (NCBI):

8658

UNIPROT ID:

O95271

Full Name:

tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase

Calculated MW:

1327 aa, 142 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

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

IHC: 1:50-1:500

IF/ICC: 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP

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 : HeLa cells, Jurkat cells, MCF-7 cells

IP : Jurkat cells,

IHC : mouse testis tissue, human colon cancer tissue

IF/ICC : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Zhifei Ma	32393760	Cell Death Dis	WB,IHC
Yanmei Ma	34457043	Oncol Lett	IHC, WB, IF
Hannah L Black	34859814	J Cell Sci	

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

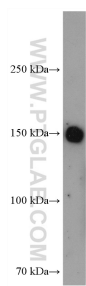
T: 4006900926

E: Proteintech-CN@ptglab.com

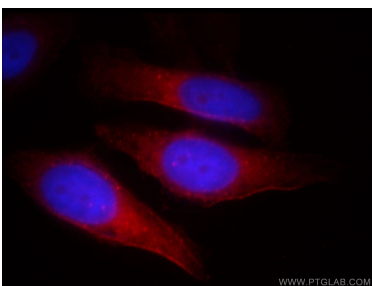
W: ptgcn.com

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

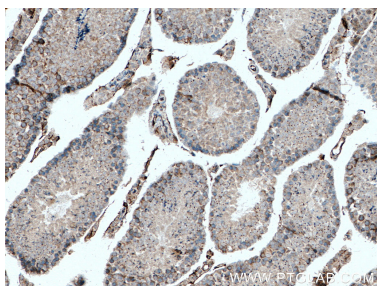
Selected Validation Data



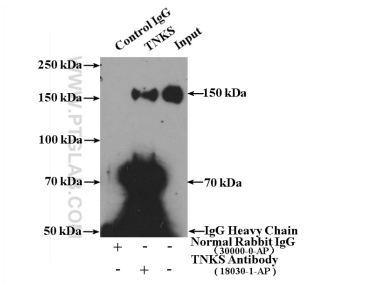
HeLa cells were subjected to SDS PAGE followed by western blot with 18030-1-AP (TNKS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



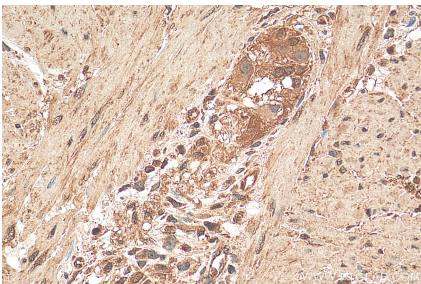
Immunofluorescent analysis of HepG2 cells, using TNKS antibody 18030-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18030-1-AP (TNKS antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-TNKS (IP:18030-1-AP, 4ug; Detection:18030-1-AP 1:500) with Jurkat cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 18030-1-AP (TNKS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).