

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TELO2



Numéro de catalogue: 15975-1-AP

Phare

15 Publications

## Informations de base

Numéro de catalogue:

15975-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8763

Numéro d'acquisition GenBank:

BC017188

Identification du gène (NCBI):

9894

Nom complet:

TEL2, telomere maintenance 2, homolog (S. cerevisiae)

MW calculé

837 aa, 92 kDa

MW observés:

92 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:10-1:100

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules A431, cellules Y79

IP : cellules A431,

IHC : tissu testiculaire humain,

IF : cellules HepG2,

## Informations générales

TELO2 gene encodes a telomere length regulation protein TEL2 homolog. TELO2 may be involved in telomere length regulation and can form TTT complex with TTI1 and TTI2. TTT complex is required to stabilize protein levels of PIKK family proteins and is involved in the cellular resistance to DNA damage stresses, like ionizing radiation (IR), ultraviolet (UV) and MMC. The activity of mTORC1 and mTORC2 complexes, which regulate cell growth and survival in response to nutrient and hormonal signals, can be promoted, stabilized and maintained by TELO2.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Youngran Kim	34838521	J Mol Biol	IP
Miguel Baena	25463011	Biochim Biophys Acta	WB
Jing You	27132593	Am J Hum Genet	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

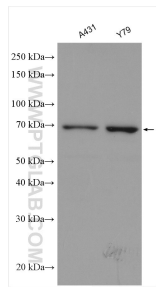
For technical support and original validation data for this product please contact:

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

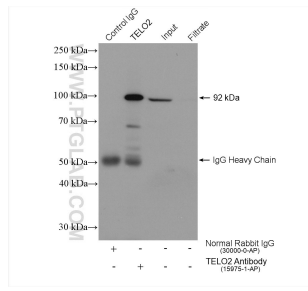
E: proteintech@ptglab.com  
W: ptglab.com

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

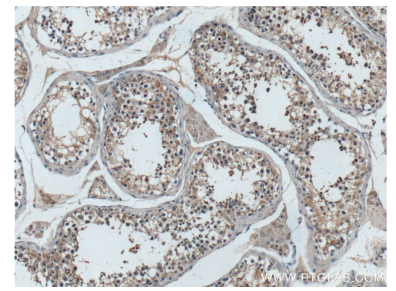
## Données de validation sélectionnées



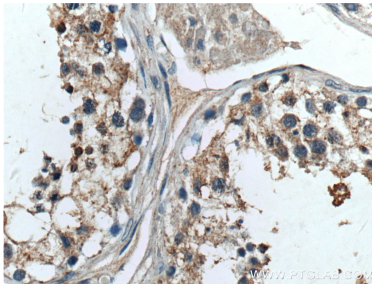
Various lysates were subjected to SDS PAGE followed by western blot with 15975-1-AP (TELO2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



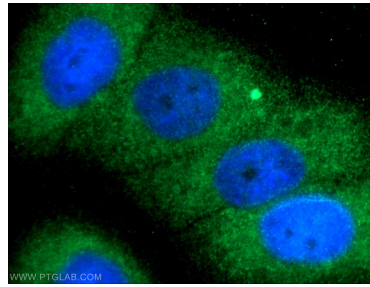
IP result of anti-TELO2(IP:15975-1-AP, 4ug; Detection:15975-1-AP 1:500) with A431 cells lysate 1280 ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 15975-1-AP (TELO2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 15975-1-AP (TELO2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 15975-1-AP (TELO2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).