À des fins de recherche uniquement

Anticorps Monoclonal anti-TELO2

Numéro de catalogue:66077-1-Ig 1 Publications

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
66077-1-Ig

Taille:
150ul , Concentration: 3800 μg/ml by Nanodrop and 1680 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG8834

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 protéine G

CloneNo.:
3H10F4

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Y79, cellules A431, cellules HEK-293, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules L02, cellules MCF-7

IP : cellules HepG2,

IHC : tissu rénal humain, tissu de cancer du foie 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), and ultraviolet (UV). 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
Feng Rao	24657168	Mol Cell	WB

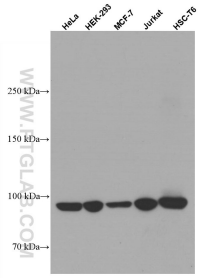
Stockage

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

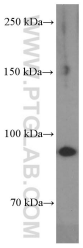
***** Les 20ul contiennent 0,1% de BSA.**

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

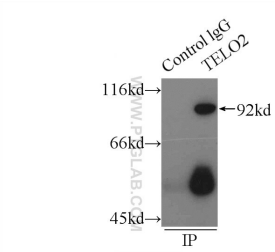
Données de validation sélectionnées



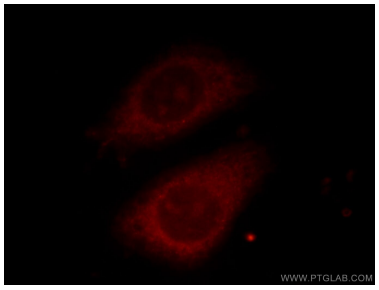
Various lysates were subjected to SDS PAGE followed by western blot with 66077-1-Ig (TELO2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



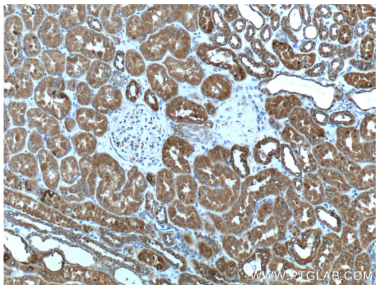
Y79 cells were subjected to SDS PAGE followed by western blot with 66077-1-Ig (TELO2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



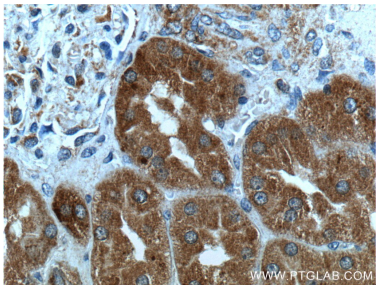
IP Result of anti-TELO2 (IP:66077-1-Ig, 4ug; Detection:66077-1-Ig 1:500) with HepG2 cells lysate 2900ug.



Immunofluorescent analysis of () fixed HepG2 cells using 66077-1-Ig (TELO2 antibody) at dilution of 1:25.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66077-1-Ig (TELO2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66077-1-Ig (TELO2 Antibody) at dilution of 1:200 (under 40x lens).