

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Geminin



Numéro de catalogue: 10802-1-AP

Phare

53 Publications

Informations de base

Numéro de catalogue:

10802-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by

Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1076

Numéro d'acquisition GenBank:

BC005185

Identification du gène (NCBI):

51053

Nom complet:

geminin, DNA replication inhibitor

MW calculé

24 kDa

MW observés:

28-29 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:12000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HEK-293, tissu testiculaire de rat, tissu testiculaire de souris, tissu testiculaire humain

IP : cellules HEK-293,

IHC : tissu de cancer du côlon humain, tissu de cancer du sein humain

IF : cellules HepG2,

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.

Informations générales

GMNN, also designated geminin, contains 212 amino acids and has a destruction box sequence (RRTLKVIQIP). GMNN participates in inhibiting DNA replication by preventing the incorporation of MCM complex into the pre-replication complex (pre-RC). It is degraded during the metaphase-anaphase transition of cell cycle's mitotic phase, which permits replication in the succeeding cell cycle. GMNN has a broad sedimentation profile ranging from about 25 kDa to 90 kDa, with a major peak at 30 kDa. Scanning of the signals shows that discrete peaks corresponding to the apparent mass of 42.5 kDa and 66 kDa are present. The dimer of geminin(50 kDa) can also be detected. (PMID: 15313623)

Publications notables

Autrice	Pubmed ID	Journal	Application
Haile Zhao	34658851	Front Pharmacol	WB,IP
Lise M van Wijk	33003546	Cancers (Basel)	IF
A Llop-Guevara	34520831	Ann Oncol	IF

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.

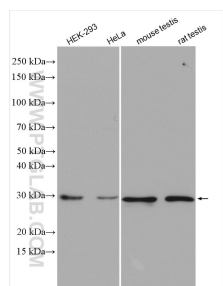
For technical support and original validation data for this product please contact:

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

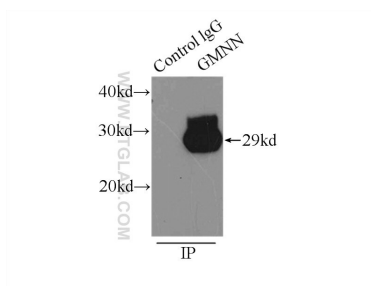
E: proteintech@ptglab.com
W: ptglab.com

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

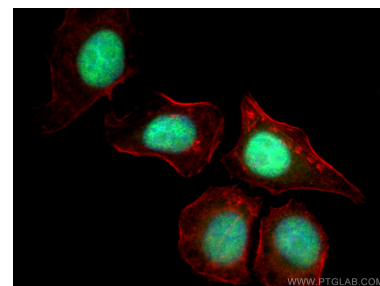
Données de validation sélectionnées



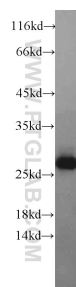
Various lysates were subjected to SDS PAGE followed by western blot with 10802-1-AP (Geminin antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



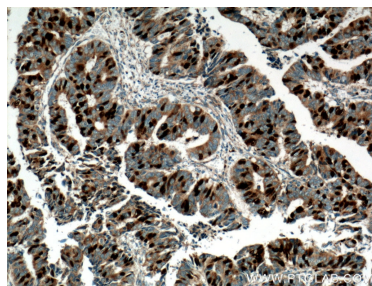
IP Result of anti-Geminin (IP:10802-1-AP, 4ug; Detection:10802-1-AP 1:1000) with HEK-293 cells lysate 4500ug.



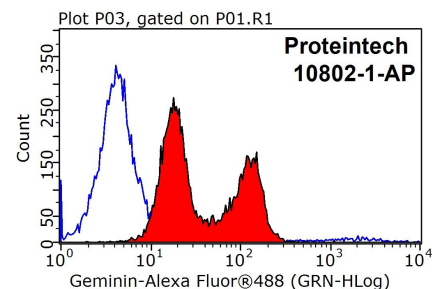
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10802-1-AP (Geminin antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



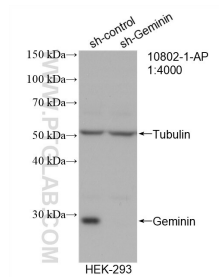
human testis tissue were subjected to SDS PAGE followed by western blot with 10802-1-AP (Geminin antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10802-1-AP (Geminin antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ MCF-7 cells were stained with 0.2ug Geminin antibody (10802-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



WB result of Geminin antibody (10802-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Geminin transfected HEK-293 cells.