

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CSN2



Numéro de catalogue: 10969-2-AP

Phare

8 Publications

Informations de base

Numéro de catalogue:
10969-2-AP

Taille:
150ul, Concentration: 600 µg/ml by Nanodrop and 493 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1415

Numéro d'acquisition GenBank:
BC012629

Identification du gène (NCBI):
9318

Nom complet:
COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis)

MW calculé:
52 kDa

MW observés:
52 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug par 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:
IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, 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 HeLa, cellules HEK-293, cellules HEK-293T, cellules NIH/3T3, tissu cérébral de souris, tissu rénal de souris

IP : cellules NIH/3T3,

IHC : tissu de tumeur ovarienne humain,

IF : cellules HeLa,

Informations générales

COPS2 is an essential component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively. (refer to UniProt) Catalog#10969-2-AP is a rabbit polyclonal antibody raised against the full-length of human COPS2. The MW of this protein is 52 kDa, and this antibody specially recognises the 52 kDa protein.

Publications notables

Autrice	Pubmed ID	Journal	Application
Feng Rao	25349427	Proc Natl Acad Sci U S A	WB
Paul C Scherer	26976604	Proc Natl Acad Sci U S A	WB
Hong Lin	32047038	Proc Natl Acad Sci U S A	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.

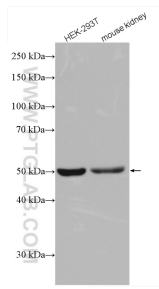
For technical support and original validation data for this product please contact:

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

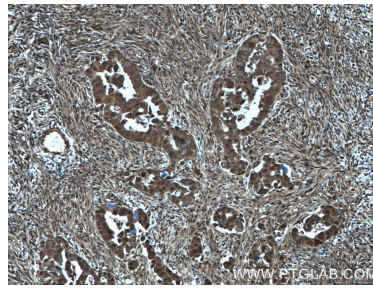
E: proteintech@ptglab.com
W: ptglab.com

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

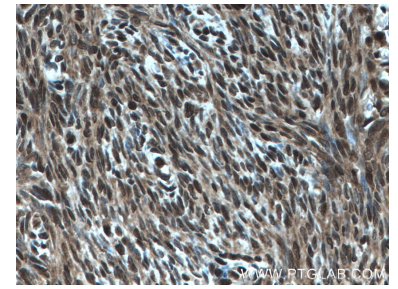
Données de validation sélectionnées



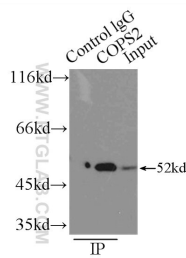
Various lysates were subjected to SDS PAGE followed by western blot with 10969-2-AP (CSN2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



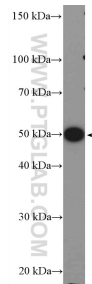
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10969-2-AP (CSN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



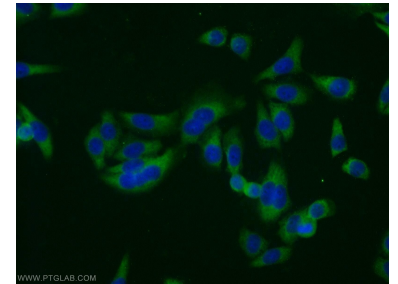
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10969-2-AP (CSN2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



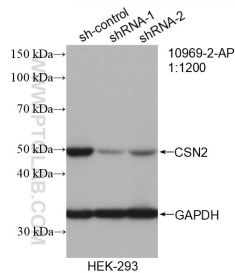
IP Result of anti-CSN2 (IP:10969-2-AP, 3ug; Detection:10969-2-AP 1:500) with NIH/3T3 cells lysate 2500ug.



HeLa cells were subjected to SDS PAGE followed by western blot with 10969-2-AP (CSN2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CSN2 antibody (10969-2-AP) at dilution of 1:25 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB result of CSN2 antibody (10969-2-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-CSN2 transfected HEK-293 cells.