

Nur für Forschungszwecke

CSN2 Polyklonaler Antikörper

Katalog-Nr.:10969-2-AP

Vorgestelltes Produkt

9 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10969-2-AP

Größe:
150ul, Konzentration: 600 µg/ml von
Nanodrop und 493 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1415

GenBank-Zugangsnummer:
BC012629

GeneID (NCBI):
9318

Vollständiger Name:
COP9 constitutive photomorphogenic
homolog subunit 2 (Arabidopsis)

Berechnete Masse:
52 kDa

Beobachtete Masse:
52 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:50-1:500
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus, Rind

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, HEK-293T-Zellen, HEK-293-Zellen, Maushirngewebe, Mausnierengewebe, NIH/3T3-Zellen

IP : NIH/3T3-Zellen,

IHC : humanes Ovarialkarzinomgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

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, IκappaBalpha/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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

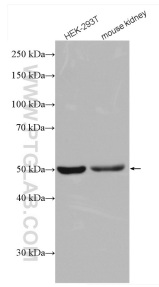
For technical support and original validation data for this product please contact:

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

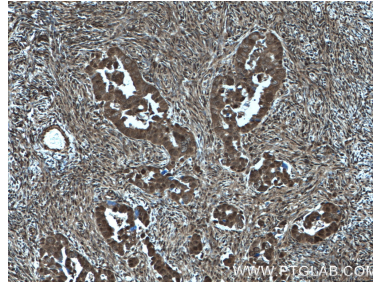
E: proteintech@ptglab.com
W: ptglab.com

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

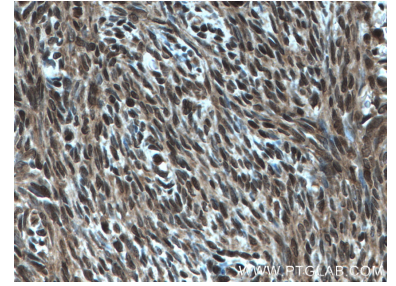
Ausgewählte Validierungsdaten



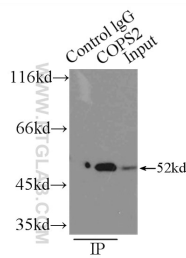
Various lysates were subjected to SDS PAGE followed by western blot with 10969-2-AP (CSN2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



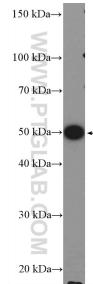
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10969-2-AP (CSN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



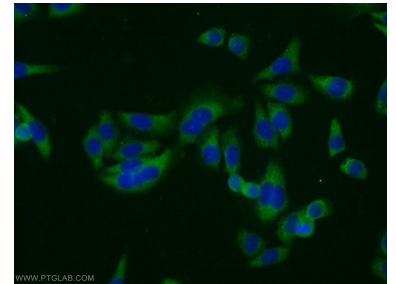
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10969-2-AP (CSN2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



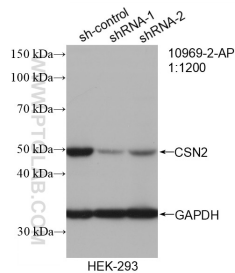
IP Result of anti-CSN2 (IP:10969-2-AP, 3ug; Detection:10969-2-AP 1:500) with NIH/3T3 cells lysate 2500ug.



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.