Nur für Forschungszwecke

CSN2 Monoklonaler Antikörper

Katalog-Nr.:66435-1-Ig

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
66435-1-Ig

Größe:
150ul , Konzentration: 1100 μg/ml von Nanodrop und 1000 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG1415

GenBank-Zugangsnummer:
BC012629

GeneID (NCBI):
9318

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

Berechneté Masse:
52 kDa

Beobachteté Masse:
52 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
2H10E6

Empfohlene Verdünnungen:
WB 1:2000-1:16000
IHC 1:50-1:500
IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:
IF, IHC, WB, ELISA

Getestete Reaktivität:
Human, Maus, Ratte

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

Positivkontrollen:

WB : NIH/3T3-Zellen, C6-Zellen, RAW 264.7-Zellen, ROS1728-Zellen

IHC : humanes Ovarialkarzinomgewebe,

IF : humanes Ovarialkarzinomgewebe,

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, 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.

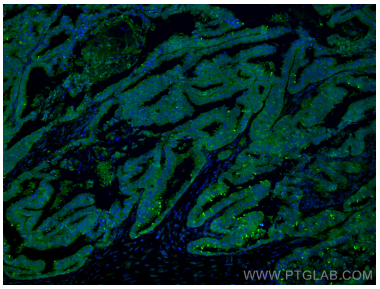
Lagerung

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

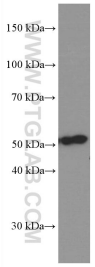
***** 20ul-Größen enthalten 0.1% BSA**

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

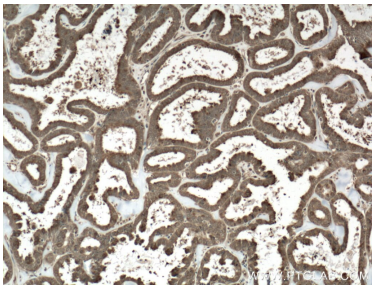
Ausgewählte Validierungsdaten



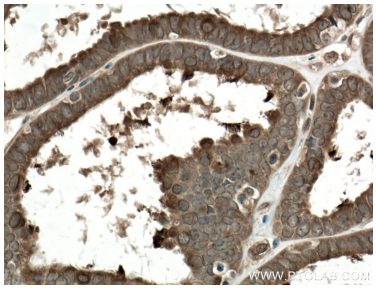
Immunofluorescent analysis of (4% PFA) fixed human ovary tumor tissue using CSN2 antibody (66435-1-Ig, Clone: 2H10E6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 66435-1-Ig (CSN2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 66435-1-Ig (CSN2 antibody) at dilution of 1:500 (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 66435-1-Ig (COPS2 Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).