

Allgemeine Informationen

Katalog-Nr.: 28509-1-AP	GenBank-Zugangsnummer: BC003555	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 26155	Empfohlene Verdünnungen: WB 1:2000-1:12000 IHC 1:500-1:2000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: nucleolar complex associated 2 homolog (S. cerevisiae)	
Isotyp: IgG	Berechnete Masse: 749 aa, 85 kDa	
Immunogen Katalognummer: AG26952	Beobachtete Masse: 85 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus	WB: U2OS-Zellen, HEK-293T-Zellen, HuH-7-Zellen, Maus-Cerebellum-Gewebe, Maus-Magengewebe
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC: humanes Prostatakarzinomgewebe, IF: U2OS-Zellen,

Hintergrundinformationen

NOC2L, also known as NIR, is a transcriptional corepressor with inhibitor of histone acetyltransferase (INHAT) activity (PMID: 16322561). It prevents acetylation of all core histones by the histone acetyltransferase EP300/p300. NOC2L interacts with p53, inhibits p53-activated gene expression, and regulates p53-dependent apoptosis (PMID: 16322561). NIR binds to TAp63 and acts as a repressor of TAp63-mediated transactivation of the p21Cip1 gene (PMID: 20123734). NOC2L is ubiquitously expressed throughout embryonic development and adulthood (PMID: 16322561). NOC2L has been reported as a key regulator of skin development. Epidermis-specific ablation of NOC2L impairs epidermal stratification and barrier function (PMID: 29490983).

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

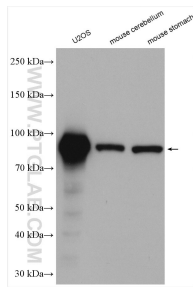
For technical support and original validation data for this product please contact:

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

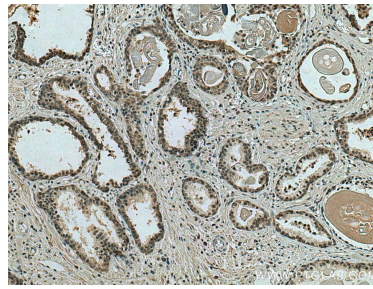
E: proteintech@ptglab.com
W: ptglab.com

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

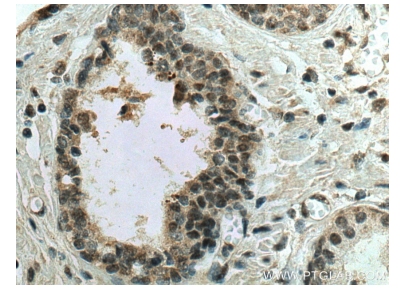
Ausgewählte Validierungsdaten



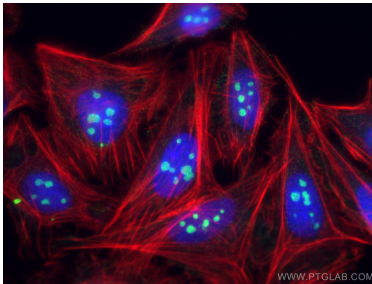
Various lysates were subjected to SDS PAGE followed by western blot with 28509-1-AP (NOC2L antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 28509-1-AP (NOC2L antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 28509-1-AP (NOC2L antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using 28509-1-AP (NOC2L antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Phalloidine stains the F-actin (red).