

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CDCA2



Numéro de catalogue: 17701-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:

17701-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG11967

Numéro d'acquisition GenBank:

BC036214

Identification du gène (NCBI):

157313

Nom complet:

cell division cycle associated 2

MW calculé

863 aa, 95 kDa

MW observés:

125 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IF 1:50-1:500

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB: cellules Jurkat, cellules HepG2, cellules MCF-7

IP: cellules Jurkat,

IF: cellules HepG2,

Informations générales

Cell division cycle associated 2(CDCA2) is a nuclear protein that is a specific regulatory subunit for protein phosphatase 1γ (PP1γ). CDCA2 is a candidate factor involved in preparing mitotic chromatin for the transition to interphase, and controls PP1γ-dependent essential DDR regulation. CDCA2 regulates the DNA damage response(DDR) in cell cycle. In addition, CDCA2 modulates phosphorylation of major mitotic histone H3 in a PP1-dependent manner. We got 125 kDa in western blotting maybe due to its phosphorylation.

Publications notables

Autrice	Pubmed ID	Journal	Application
Honghai Xia	27725724	Sci Rep	IF
Xiaoliang Wang	34131285	Oncogene	WB
Shouping Wang	34103686	Oncogene	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.

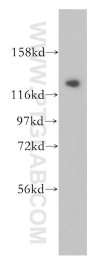
For technical support and original validation data for this product please contact:

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

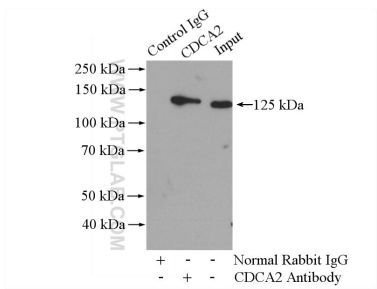
E: proteintech@ptglab.com
W: ptglab.com

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

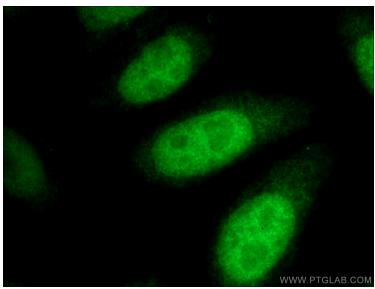
Données de validation sélectionnées



Jurkat cells were subjected to SDS PAGE followed by western blot with 17701-1-AP (CDCA2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-CDCA2 (IP:17701-1-AP, 4ug; Detection:17701-1-AP 1:800) with Jurkat cells lysate 2800ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 17701-1-AP (CDCA2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).