

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CDK2



Numéro de catalogue: 10122-1-AP

Phare

232 Publications

Informations de base

Numéro de catalogue: 10122-1-AP	Numéro d'acquisition GenBank: BC003065	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 600 µg/ml by Nanodrop;	Identification du gène (NCBI): 1017	Dilutions recommandées: WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:3000 for WB
Hôte: Lapin	Nom complet: cyclin-dependent kinase 2	IHC 1:50-1:500
Isotype: IgG	MW calculé: 33 kDa	IF 1:50-1:500
Immunogen Catalog Number: AG0166	MW observés: 33 kDa	

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
CoIP, FC, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, poisson-zèbre, rat, souris, fish

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HEK-293, cellules A431, cellules HeLa, cellules HepG2, cellules HL-60, cellules Jurkat, cellules K-562, cellules MCF-7, cellules NIH/3T3, tissu rénal de rat

IP : cellules HeLa,

IHC : tissu de cancer du foie humain, tissu de cancer de la prostate humaine

IF : cellules HeLa, tissu testiculaire de souris

Informations générales

CDK2(Cyclin-dependent kinase 2) is also named as CDKN2 and belongs to the protein kinase superfamily,CMGC Ser/Thr protein kinase family, CDC2/CDKX subfamily.It is involved in the control of the cell cycle; essential for meiosis, but dispensable for mitosis.It has 2 isoforms produced by alternative splicing.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jing Zhao	32986180	Biotechnol Lett	WB
Xiaoman Chen	30207732	Mol Pharm	WB
Jingjing Pan	36152427	Ecotoxicol Environ Saf	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.

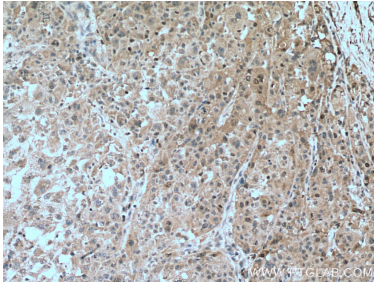
For technical support and original validation data for this product please contact:

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

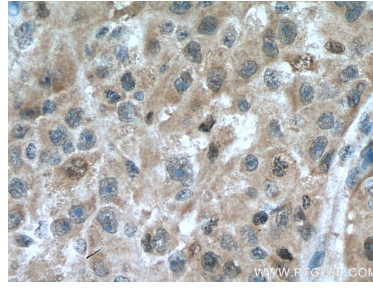
E: proteintech@ptglab.com
W: ptglab.com

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

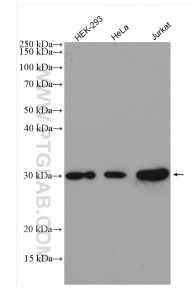
Données de validation sélectionnées



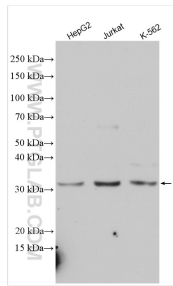
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10122-1-AP (CDK2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



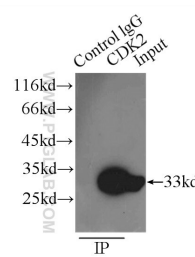
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10122-1-AP (CDK2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



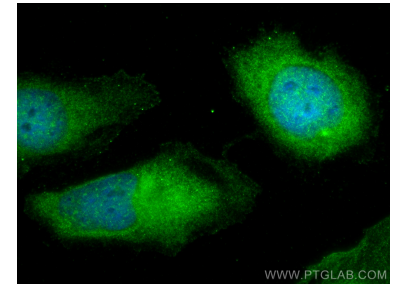
Various lysates were subjected to SDS PAGE followed by western blot with 10122-1-AP (CDK2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



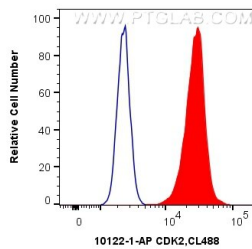
Various lysates were subjected to SDS PAGE followed by western blot with 10122-1-AP (CDK2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



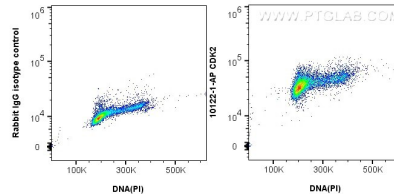
IP Result of anti-CDK2 (IP:10122-1-AP, 3ug; Detection:10122-1-AP 1:1500) with HeLa cells lysate 4650ug.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CDK2 antibody (10122-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human CDK2 (10122-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human CDK2 (10122-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).