À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Chk1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:25887-1-AP Phare 19 Publications

Informations de base

Numéro de catalogue:
25887-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop and 367 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG22993

Numéro d'acquisition GenBank:
BC004202

Identification du gène (NCBI):
1111

Nom complet:
CHK1 checkpoint homolog (S. pombe)

MW calculé
54 kDa

MW observés:
55 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:6000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:100-1:400
IF 1:50-1:500

Applications

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

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

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, souris

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-293T, cellules HeLa, cellules K-562, cellules MCF-7

IP : cellules HEK-293T,

IHC : tissu rénal humain,

IF : cellules HEK-293T,

Informations générales

CHEK1(Checkpoint kinase-1) is also named as CHK1 and belongs to the protein kinase superfamily. It is implicated in a circuit in which it activates checkpoints, DNA repair and proliferating cell nuclear antigen and FANCD2 monoubiquitinylation(PMID:21389083). CHEK1 protects vertebrate cells against spontaneous chromosome missegregation and is required to sustain anaphase delay when spindle function is disrupted by taxol(PMID:17276342). It has 3 isoforms produced by alternative splicing with the molecular mass of 54 kDa, 44 kDa and 50 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yeunting Hsieh	32988875	Anticancer Res	WB
Jingyuan Sun	33087136	J Exp Clin Cancer Res	WB,IF
Tai-Hsin Tsai	34858180	Front Pharmacol	WB

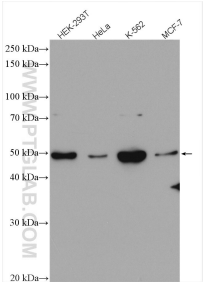
Stockage

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

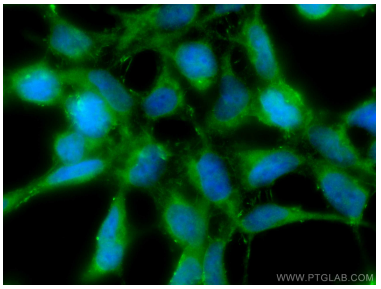
***** Les 20ul contiennent 0,1% de BSA.**

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

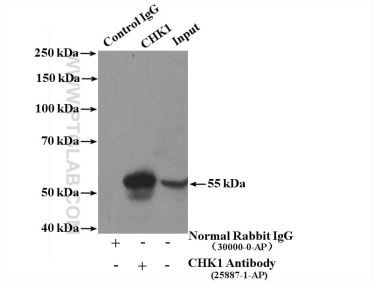
Données de validation sélectionnées



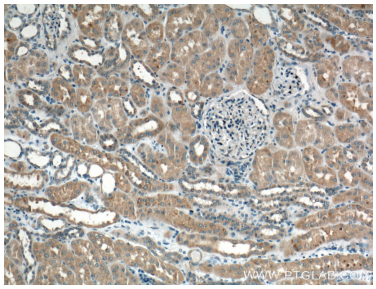
Various lysates were subjected to SDS PAGE followed by western blot with 25887-1-AP (Chk1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



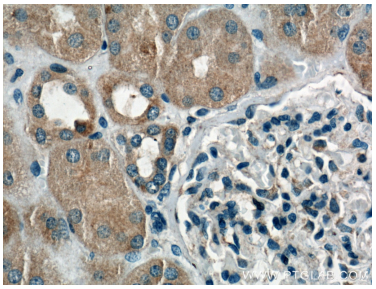
Immunofluorescent analysis of (-20°C Methanol) fixed HEK-293T cells using Chk1 antibody (25887-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



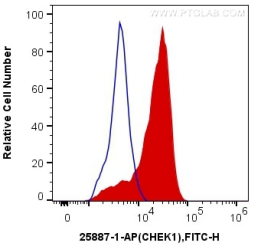
IP Result of anti-CHK1 (IP:25887-1-AP, 4ug; Detection:25887-1-AP 1:600) with HEK-293T cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25887-1-AP (CHK1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25887-1-AP (CHK1 Antibody) at dilution of 1:200 (under 40x lens).



1X10^6 HEK-293T cells were intracellularly stained with 0.2 ug Anti-Human Chk1 (25887-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).