

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CSNK1G1



Numéro de catalogue: 16384-1-AP

1 Publications

Informations de base

Numéro de catalogue:

16384-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG9395

Numéro d'acquisition GenBank:

BC017236

Identification du gène (NCBI):

53944

Nom complet:

casein kinase 1, gamma 1

MW calculé

422 aa, 49 kDa

MW observés:

49 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IP, WB

Spécificité de l'espèce:

Humain, singe

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HeLa, cellules COS-7, cellules Jurkat

IP : cellules Jurkat,

IHC : tissu hépatique humain,

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.

Informations générales

The casein kinase 1 (CK1) is a family of Ser/Thr protein kinases that functions as regulator in signal transduction of eukaryotic cells. CSNK1G1 (Casein kinase I isoform gamma-1) plays an important role in activating the ATR/Chk1 pathway by phosphorylating Claspin, which was identified as a Chk1-activating protein. Recently, it has been found that CSNK1G1 can phosphorylate NF-κB subunit p65 at Ser536, which promotes its ubiquitin-mediated degradation by E3 ligases COMMD1 and CUL2. (PMID:24442433). This protein has 2 isoforms produced by alternative splicing with the molecular weight of 49 kDa and 45 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yetao Wang	24442433	J Immunol	WB,IP

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.

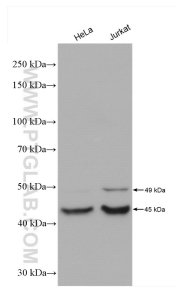
For technical support and original validation data for this product please contact:

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

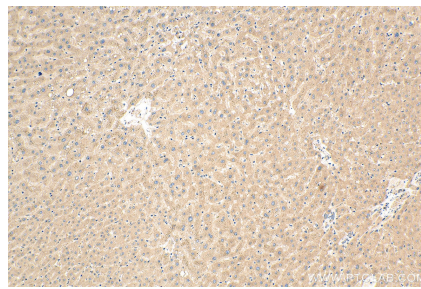
E: proteintech@ptglab.com
W: ptglab.com

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

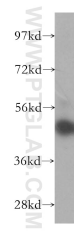
Données de validation sélectionnées



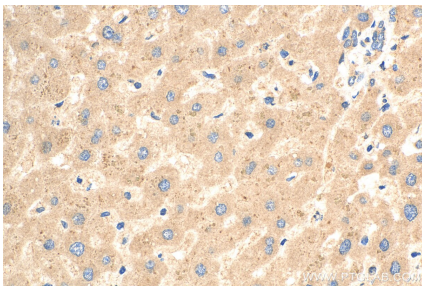
Various lysates were subjected to SDS PAGE followed by western blot with 16384-1-AP (CSNK1G1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



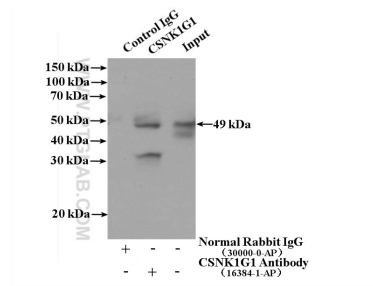
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16384-1-AP (CSNK1G1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Jurkat cells were subjected to SDS PAGE followed by western blot with 16384-1-AP (CSNK1G1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16384-1-AP (CSNK1G1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-CSNK1G1 (IP:16384-1-AP, 4ug; Detection:16384-1-AP 1:300) with Jurkat cells lysate 2800ug.