

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CDK13



Numéro de catalogue: 30461-1-AP

Informations de base

Numéro de catalogue:

30461-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG32897

Numéro d'acquisition GenBank:

NM_003718.4

Identification du gène (NCBI):

8621

Nom complet:

cell division cycle 2-like 5 (cholinesterase-related cell division controller)

MW calculé

165 kDa

MW observés:

170 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

Applications

Applications testées:

FC, WB, ELISA

Spécificité de l'espèce:

Humain

Contrôles positifs:

WB : cellules HEK-293T, cellules HeLa, cellules Jurkat, cellules MDA-MB-468

Informations générales

Cyclin-dependent kinase 13 (CDK13) is also named as CDC2L, CDC2L5, CHED and KIAA1791, and belongs to the CMGC Ser/Thr protein kinase family. Interestingly, in TNBC cells silencing CDK13 provokes cell death without affecting DDR genes. Like CDK12, CDK13 phosphorylates the Ser2 position of the heptad repeat in the CTD of RNA Pol II (PMID:26748711). CDK13/CycK complex is that regulates transcription by phosphorylating serine residues at positions 5 and 2 of the heptapeptide repeats (Y-S-P-T-S-P-S) comprising the C-terminal domain (CTD) of RPB1, the largest subunit of RNA polymerase II (RNAPII). CDK13 is expressed in fetal brain, liver, and muscle, and adult whole brain, hippocampus, and bone marrow (PMID:30904094).

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.

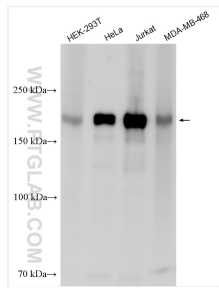
For technical support and original validation data for this product please contact:

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

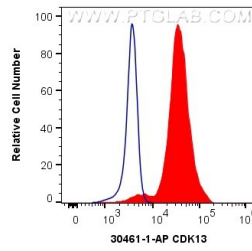
E: proteintech@ptglab.com
W: ptglab.com

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 30461-1-AP (CDK13 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



1×10^6 K-562 cells were intracellularly stained with 0.4 μ g Anti-Human CDK13 (30461-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).