

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NEK9



Numéro de catalogue: 11192-1-AP

1 Publications

Informations de base

Numéro de catalogue:

11192-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1678

Numéro d'acquisition GenBank:

BC009336

Identification du gène (NCBI):

91754

Nom complet:

NIMA (never in mitosis gene a)-related kinase 9

MW calculé

107 kDa

MW observés:

120 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:9000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

IF 1:200-1:800

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, tissu placentaire humain

IP : cellules HeLa,

IHC : tissu de lymphome humain,

IF : cellules HepG2,

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

NEK9 is also named as KIAA1995, NEK8, NERCC and belongs to the NEK Ser/Thr protein kinase family. It is originally identified as αβ-casein kinase that associates with a putative substrate Bcd2. It is also independently identified as a Nek6- and Ran GTPase-binding protein under a different name, Nercc1(PMID:14660563). Nek9, together with the highly similar (80% identical) Nek6 and Nek7, form a signaling module that is activated during mitosis and involved in the regulation of the mitotic spindle. The endogenous Nek9 (with predicted molecular mass of 120 kDa) has an apparent molecular mass of 600 kDa, also compatible with a tetramer(PMID:21454704).

Publications notables

Autrice	Pubmed ID	Journal	Application
Andrea M Brum	30283877	JBMR Plus	IF

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.

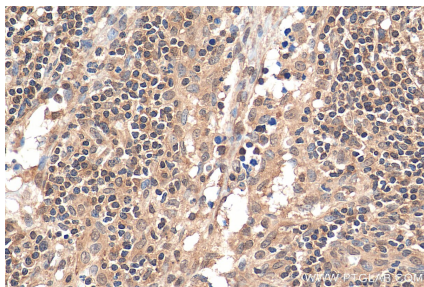
For technical support and original validation data for this product please contact:

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

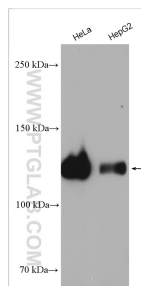
E: proteintech@ptglab.com
W: ptglab.com

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

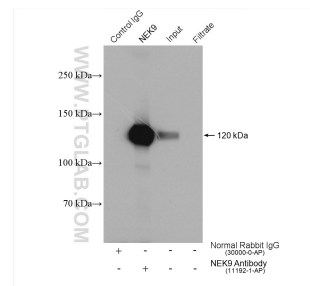
Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11192-1-AP (NEK9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



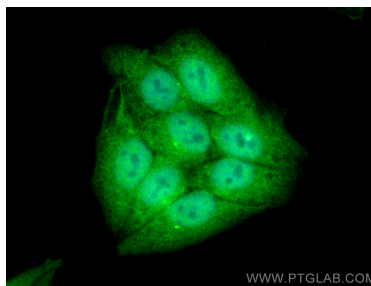
Various lysates were subjected to SDS PAGE followed by western blot with 11192-1-AP (NEK9 antibody) at dilution of 1:4500 incubated at room temperature for 1.5 hours.



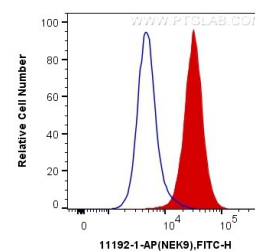
IP result of anti-NEK9 (IP:11192-1-AP, 4ug; Detection:11192-1-AP 1:1000) with HeLa cells lysate 1880 ug.



Immunofluorescent analysis of HepG2 cells, using NEK9 antibody 11192-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NEK9 antibody (11192-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human NEK9 (11192-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) at dilution 1:1000 (red), or 0.4 ug x. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).