

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NEIL3



Numéro de catalogue: 11621-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:
11621-1-AP

Taille:
150ul, Concentration: 500 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2200

Numéro d'acquisition GenBank:
BC025954

Identification du gène (NCBI):
55247

Nom complet:
nei endonuclease VIII-like 3 (E. coli)

MW calculé
605 aa, 68 kDa

MW observés:
62-68 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000

Applications

Applications testées:
WB, ELISA

Demandes citées:
ChIP, FC, IP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain

Contrôles positifs:

WB : cellules HEK-293, cellules A431, tissu cutané de souris, tissu cutané humain

Informations générales

NEIL3 belongs to the FPG family. It is a functional DNA glycosylase in vitro and in vivo. NEIL3 plays a role in repairing FapyG in vivo. (PMID:20185759) NEIL3 has AP lyase activity specific for single-stranded DNA. (PMID:19170771). NEIL3 is specifically expressed in brain areas where neurogenesis takes place during development and that its expression is tightly regulated both temporally and spatially (PMID:19426544). Studies have shown that NEIL3 is recruited to the DSB sites through its GRF zinc finger motifs and plays an important role in MMC/cisplatin-ICL repair by promoting the HR step in FA/BRCA pathway.(PMID: 36351389).

Publications notables

Autrice	Pubmed ID	Journal	Application
Fabiao Zhang	36114381	Immunogenetics	WB
Niu Li	36351389	Cell Rep	WB,IP
RAlex Wu	30842657	Nature	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.

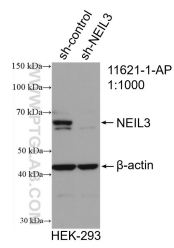
For technical support and original validation data for this product please contact:

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

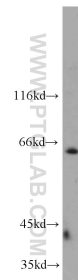
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



WB result of NEIL3 antibody (11621-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NEIL3 transfected HEK-293 cells.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11621-1-AP (NEIL3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.