

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-DCUN1D5



Numéro de catalogue: 14810-1-AP

2 Publications

## Informations de base

Numéro de catalogue:

14810-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG6534

Numéro d'acquisition GenBank:

BC004169

Identification du gène (NCBI):

84259

Nom complet:

DCN1, defective in cullin neddylation 1, domain containing 5 (*S. cerevisiae*)

MW calculé

28 kDa

MW observés:

28 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 1:500-1:1000 for WB

IF 1:50-1:500

## Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules U-937, tissu cérébral de souris, tissu splénique de rat

IP : cellules HeLa,

IF : cellules HeLa,

## Informations générales

Conjugation of Nedd8 to a cullin protein, termed neddylation, is an evolutionarily conserved process that functions to activate the cullin-RING family E3 ubiquitin ligases, leading to increased proteasomal degradation of a wide range of substrate proteins. Cellular neddylation requires the action of DCN1 (Defective in cullin neddylation protein 1), which, in humans, consists of five homologues designated as DCN1-5. DCUN1D5 gene encodes the 28 kDa DCUN1 domain-containing protein 5 containing a C-terminal potentiating neddylation domain. The cellular function of DCUN1D5 needs to be explored, recently, a mono-ubiquitination-mediated mechanism that governs nuclear-cytoplasmic trafficking of hDCN1, was reported to regulate hDCN1-dependent activation of the cullin-RING E3 ubiquitin ligases in selected cellular compartments.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Kate E Coleman	28475037	Elife	WB
Guo Wei W	23098533	Asian Pac J Cancer Prev	WB, IHC

## 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 -20°C

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

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

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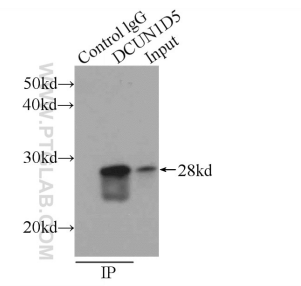
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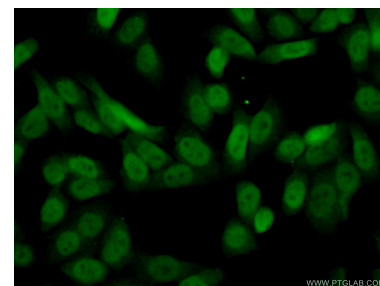
## Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 14810-1-AP (DCUN1D5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-DCUN1D5 (IP:14810-1-AP, 3ug; Detection:14810-1-AP 1:800) with HeLa cells lysate 1840ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 14810-1-AP (DCUN1D5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).