À des fins de recherche uniquement

Anticorps Monoclonal anti-CUL4B

Numéro de catalogue:60151-1-Ig Phare 5 Publications

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
60151-1-Ig

Taille:
150ul , Concentration: 2100 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG3563

Numéro d'acquisition GenBank:
BC036216

Identification du gène (NCBI):
8450

Nom complet:
cullin 4B

MW calculé
913 aa, 104 kDa

MW observés:
102 kDa

Méthode de purification:
Précipitation de l'acide caprylique/du sulfate d'ammonium

CloneNo.:
4E10B10

Dilutions recommandées:
WB 1:1000-1:4000
IHC 1:50-1:500

Applications

Applications testées:
IHC, WB,ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat

Espèces citées:
Humain, souris

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.

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules ROS1728

IHC : tissu de gliome humain,

Informations générales

Cullin-RING ligases (CRLs) complexes participate in the regulation of diverse cellular processes, including cell cycle progression, transcription, signal transduction and development (PMID: 21816341)(PMID: 21554755). Serving as the scaffold protein, cullins are crucial for the assembly of ligase complexes, which recognize and target various substrates for proteosomal degradation. Two cullin 4 (CUL4) proteins, CUL4A (87 kDa) and CUL4B(104 kDa), are two members in cullin family with 83% of identity. Mutations in human CUL4B are one of the major causes of X-linked mental retardation. Cul4b knockout mice demonstrated that CUL4B is indispensable for embryonic development in the mouse (PMID: 22606329).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ziling Fang	30483755	Int J Oncol	
Min Zhong	34153655	Pathol Res Pract	IHC, WB
Alice Meroni	36490343	Sci Adv	WB

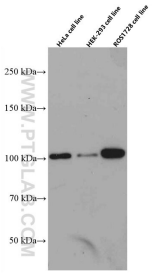
Stockage

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

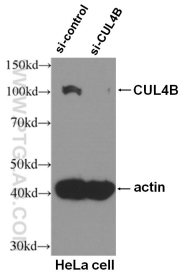
*** Les 20ul contiennent 0,1% de BSA.

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

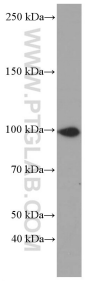
Données de validation sélectionnées



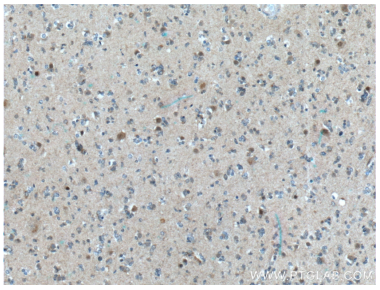
various lysates were subjected to SDS PAGE followed by western blot with 60151-1-Ig (CUL4B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



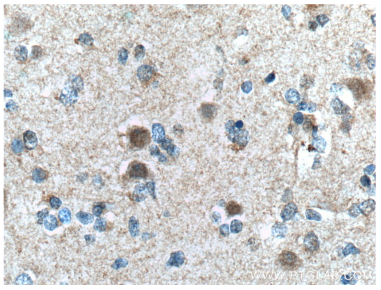
WB result of CUL4B antibody (60151-1-Ig, 1:500) with si-Control and si-CUL4B transfected HeLa cells.



HeLa cells were subjected to SDS PAGE followed by western blot with 60151-1-Ig (CUL4B Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 60151-1-Ig (CUL4B Antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 60151-1-Ig (CUL4B Antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).