

Nur für Forschungszwecke

CUL4B Polyklonaler Antikörper

Katalog-Nr.:20882-1-AP

Vorgestelltes Produkt

3 Publikationen



Allgemeine Informationen

Katalog-Nr.:
20882-1-AP

Größe:
150ul, Konzentration: 500 µg/ml von
Nanodrop und 327 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG15024

GenBank-Zugangsnummer:
BC036216

GeneID (NCBI):
8450

Vollständiger Name:
cullin 4B

Berechnete Masse:
913 aa, 104 kDa

Beobachtete Masse:
102 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:3000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IP

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Maus

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Maus-Thymusgewebe, HeLa-Zellen, Jurkat-Zellen, Ratten-Thymusgewebe, SH-SY5Y-Zellen, Y79-Zellen

IP : Maushirngewebe,

IHC : humanes Tonsillitisgewebe, humanes Gliomgewebe

IF : HeLa-Zellen, HepG2-Zellen

Hintergrundinformationen

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). Proteintech's CUL4B antibody 20882-1-AP can specifically recognize CUL4B.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yan Yin	34685710	Cells	IF
Gonca Bayraktar	32726795	Neuropsychopharmacology	IP
Nianyin Lv	35069527	Front Immunol	IP

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

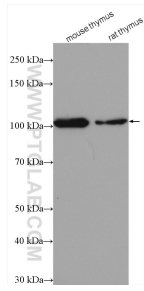
For technical support and original validation data for this product please contact:

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

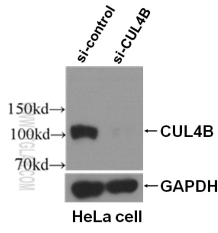
E: proteintech@ptglab.com
W: ptglab.com

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

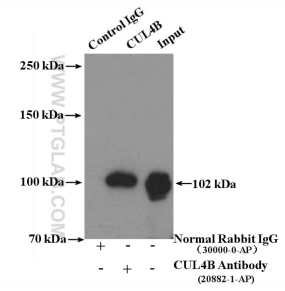
Ausgewählte Validierungsdaten



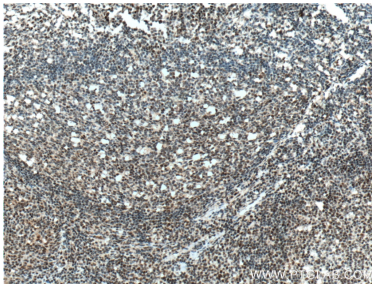
Various lysates were subjected to SDS PAGE followed by western blot with 20882-1-AP (CUL4B antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



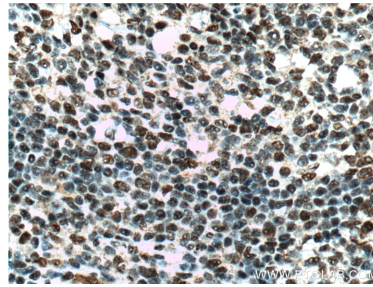
WB result of CUL4B antibody (20882-1-AP, 1:500) with si-Control and si-CUL4B transfected HeLa cells.



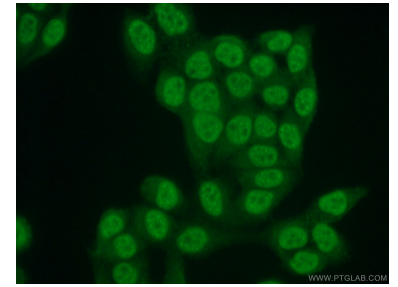
IP Result of anti-CUL4B (IP:20882-1-AP, 4ug; Detection:20882-1-AP 1:300) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 20882-1-AP (CUL4B Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 20882-1-AP (CUL4B Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 20882-1-AP (CUL4B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).