

Nur für Forschungszwecke

CRBN Polyklonaler Antikörper

Katalog-Nr.: 28494-1-AP

Vorgestelltes Produkt

2 Publikationen



Allgemeine Informationen

Katalog-Nr.: 28494-1-AP	GenBank-Zugangsnummer: BC017419	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 590 µg/ml von Nanodrop;	GeneID (NCBI): 51185	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: cereblon	
Isotyp: IgG	Berechnete Masse: 442 aa, 51 kDa	
Immunogen Katalognummer: AG29353	Beobachtete Masse: 51 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, IHC, IP, WB	WB: COLO 320-Zellen, 3T3-L1-Zellen, C6-Zellen, Mauslebergewebe, THP-1-Zellen, U-251-Zellen
Getestete Reaktivität: Human, Maus, Ratte	IHC: Maushirngewebe, humanes Leberkarzinomgewebe
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

CRBN plays an important role in assembly and surface expression of functional BK(Ca) channels. The mutation of human cereblon gene (CRBN) is related with mild mental retardation, and causes ARNSID (nonsyndromal intellectual disability) by disturbing the developmental regulation of BK(Ca) in brain regions that are critical for memory and learning. CRBN is also identified as important thalidomide-binding protein for limb outgrowth in zebrafish and chicks. It can be detected a band above 51 kDa (maybe 55 kDa) in HT22 cells(PMID: 21232561).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ji-Nuo Wang	35361865	Leukemia	IHC
Liang Zhou	29272390	Hum Mol Genet	WB,IF,IP

Lagerung

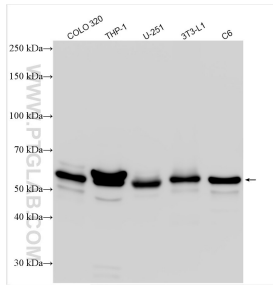
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

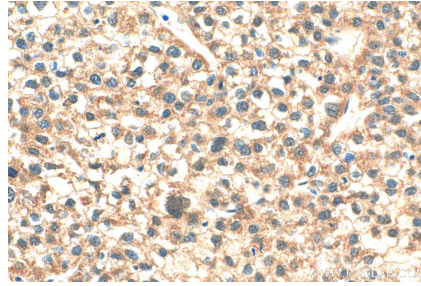
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

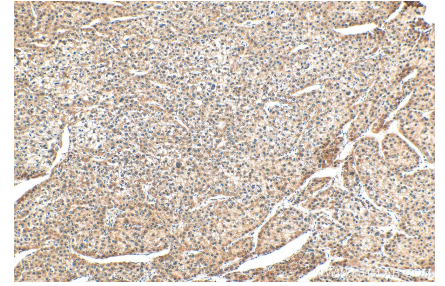
Ausgewählte Validierungsdaten



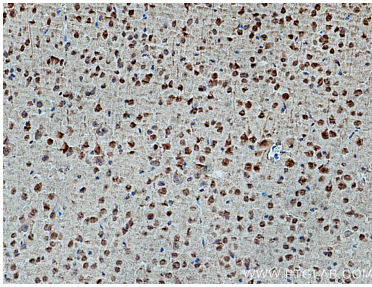
Various lysates were subjected to SDS PAGE followed by western blot with 28494-1-AP (CRBN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



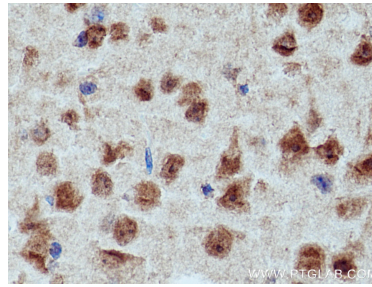
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 28494-1-AP (CRBN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 28494-1-AP (CRBN antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28494-1-AP (CRBN 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 mouse brain tissue slide using 28494-1-AP (CRBN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).