

Nur für Forschungszwecke

USP30 Polyklonaler Antikörper

Katalog-Nr.:15402-1-AP



Allgemeine Informationen

Katalog-Nr.: 15402-1-AP	GenBank-Zugangsnummer: BC004868	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 900 µg/ml von Nanodrop;	GeneID (NCBI): 84749	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: ubiquitin specific peptidase 30	
Isotyp: IgG	Berechnete Masse: 58.5 kDa	
Immunogen Katalognummer: AG7620	Beobachtete Masse: 59-67 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

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

Positivkontrollen:

WB : Daudi-Zellen, HepG2-Zellen, hTERT-RPE1-Zellen, Mausnierengewebe, Rattennierengewebe

IHC : humanes Leberkarzinomgewebe, humanes Kolonkarzinomgewebe

IF : A549-Zellen,

Hintergrundinformationen

USP30, a mitochondrion-localized deubiquitylase, regulates mitophagy. Mitochondrial damage stimulates parkin to assemble Lys 6, Lys 11 and Lys 63 chains on mitochondria, and that USP30 is a ubiquitin-specific deubiquitylase with a strong preference for cleaving Lys 6- and Lys 11-linked multimers. USP30 can be ubiquitinated by parkin (PARK2) at Lys-235 and Lys-289. USP30 inhibition is potentially beneficial for treating Parkinson disease by promoting mitochondrial clearance and quality control.

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

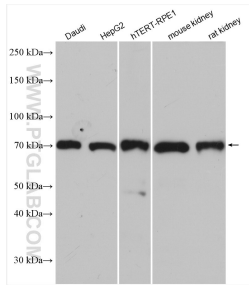
For technical support and original validation data for this product please contact:

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

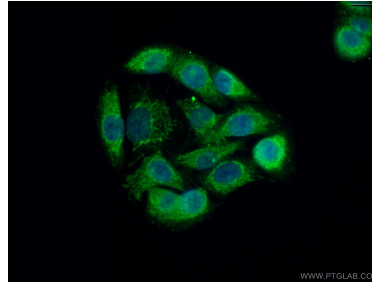
E: proteintech@ptglab.com
W: ptglab.com

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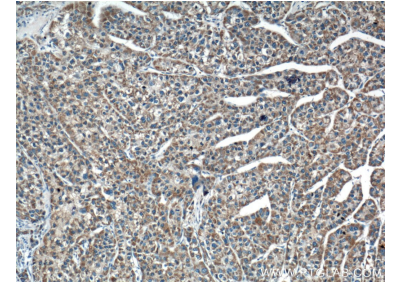
Ausgewählte Validierungsdaten



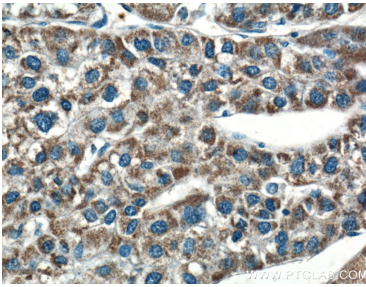
Various lysates were subjected to SDS PAGE followed by western blot with 15402-1-AP (USP30 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



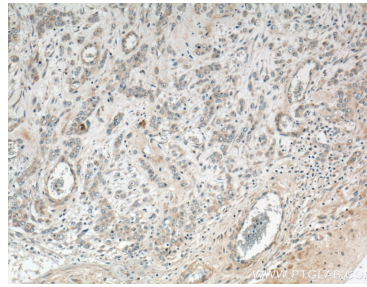
Immunofluorescent analysis of (4% PFA) fixed A549 cells using 15402-1-AP (USP30 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



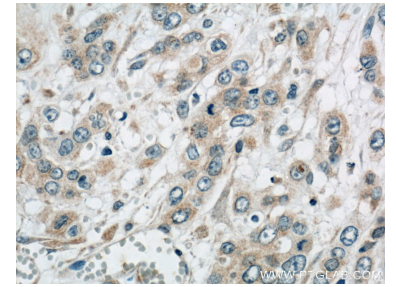
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15402-1-AP (USP30 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15402-1-AP (USP30 antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15402-1-AP (USP30 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15402-1-AP (USP30 antibody) at dilution of 1:200 (under 40x lens).