

Allgemeine Informationen

Katalog-Nr.:

22676-1-AP

Größe:

150ul, Konzentration: 500 µg/ml von Nanodrop und 367 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG18486

GenBank-Zugangsnummer:

BC110889

GeneID (NCBI):

151987

Vollständiger Name:

protein phosphatase 4, regulatory subunit 2

Berechnete Masse:

360aa, 40 kDa; 495aa, 55 kDa

Beobachtete Masse:

65 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB
IHC 1:20-1:200
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

Getestete Reaktivität:

Human

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

Positivkontrollen:

WB: A549-Zellen, HepG2-Zellen

IP: HepG2-Zellen,

IHC: humanes Leberkarzinomgewebe, humanes Pankreasgewebe

IF: HepG2-Zellen,

Hintergrundinformationen

PPP4R2 is a regulatory subunit of protein phosphatase-4 (PPP4), a protein serine/threonine phosphatase implicated in microtubule organization at centrosomes and DNA double-strand break repair. The deduced 453-amino acid protein contains several potential phosphorylation sites and has a calculated molecular mass of 50.4 kD. Immunofluorescent analysis of HeLa and A431 cells revealed prominent localization of PPP4R2 at centrosomes, with weaker staining of cytoplasm and nucleus (PMID: 10769191).

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**

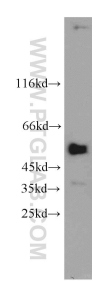
For technical support and original validation data for this product please contact:

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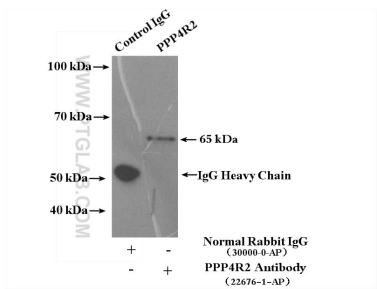
E: proteintech@ptglab.com
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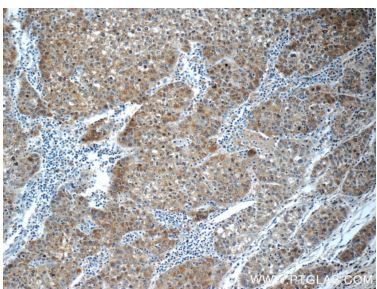
Ausgewählte Validierungsdaten



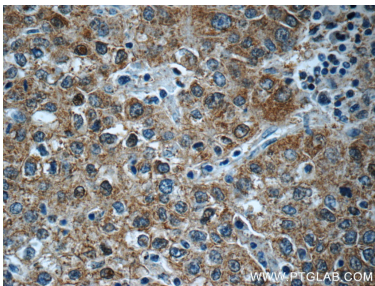
A549 cells were subjected to SDS PAGE followed by western blot with 22676-1-AP (PPP4R2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



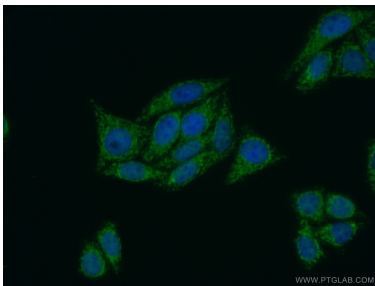
IP Result of anti-PPP4R2 (IP:22676-1-AP, 4ug; Detection:22676-1-AP 1:1000) with HepG2 cells lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 22676-1-AP (PPP4R2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 22676-1-AP (PPP4R2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 22676-1-AP (PPP4R2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).