

Allgemeine Informationen

Katalog-Nr.:
18969-1-AP

Größe:
150ul , Konzentration: 600 µg/ml von
Nanodrop und 333 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG5299

GenBank-Zugangsnummer:
BC039006

GeneID (NCBI):
1809

Vollständiger Name:
dihydropyrimidinase-like 3

Berechnete Masse:
570 aa, 62 kDa

Beobachtete Masse:
60-70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:3000
IP 0.5-4.0 ug für IP und 1:500-1:1000
für WB
IHC 1:100-1:400
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

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 : SH-SY5Y-Zellen, Jurkat-Zellen, Maus-Cerebellum-Gewebe, Maus-Thymusgewebe

IP : SH-SY5Y-Zellen,

IHC : humanes Leberkarzinomgewebe, humanes Nierengewebe

IF : HepG2-Zellen,

Hintergrundinformationen

DPYSL3(Dihydropyrimidinase-related protein 3) is also named as CRMP4, DRP3, ULIP, ULIP1 and belongs to the hydantoinase/dihydropyrimidinase subfamily. DPYSL3 is a developmentally regulated protein, strongly expressed in early embryonic post-mitotic neural cells, reaching a peak of expression around the first post-natal week. In the adult brain, DPYSL3 is present mainly in regions that retain neurogenesis. DPYSL3 protein is also found in synaptic sites at the adult neuromuscular junction where it may be involved in the maintenance of neuronal stability (PMID: 16135096). It has 2 isoforms produced by alternative splicing.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jeremy A Whitson	28951044	Free Radic Biol Med	WB
Kazuhiro Tokuda	26071357	Biochem Biophys Res Commun	WB, 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

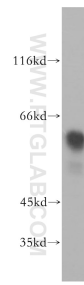
For technical support and original validation data for this product please contact:

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

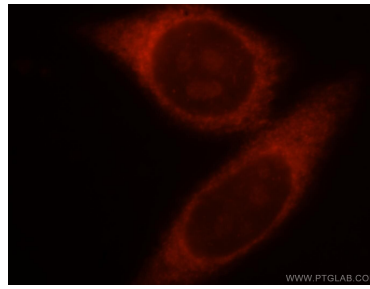
E: proteintech@ptglab.com
W: ptglab.com

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

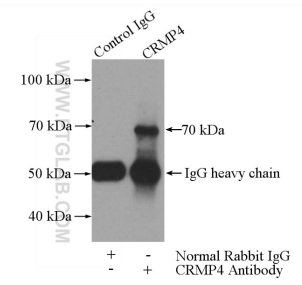
Ausgewählte Validierungsdaten



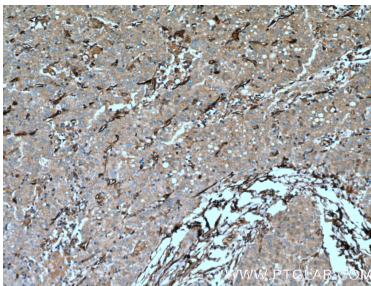
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 18969-1-AP (CRMP4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



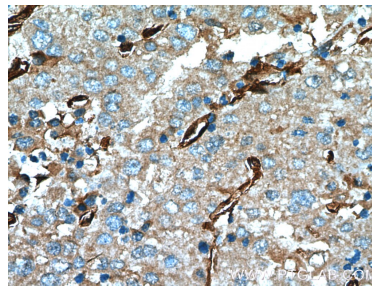
Immunofluorescent analysis of HepG2 cells, using DPYSL3 antibody 18969-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-CRMP4 (IP:18969-1-AP, 3ug; Detection:18969-1-AP 1:700) with SH-SY5Y cells lysate 3000ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 18969-1-AP (CRMP4 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 liver cancer tissue slide using 18969-1-AP (CRMP4 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).