

Nur für Forschungszwecke

STAU1 Polyklonaler Antikörper

Katalog-Nr.:14225-1-AP

Vorgestelltes Produkt

14 Publikationen



Allgemeine Informationen

Katalog-Nr.:
14225-1-AP

Größe:
150ul, Konzentration: 500 µg/ml von
Nanodrop und 333 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG5464

GenBank-Zugangsnummer:
BC050432

GeneID (NCBI):
6780

Vollständiger Name:
stau1, RNA binding protein,
homolog 1 (Drosophila)

Berechnete Masse:
63 kDa

Beobachtete Masse:
55 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
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, RIP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

Positivkontrollen:

WB: humanes Hirngewebe, K-562-Zellen,
Maushirngewebe

IP: Maushirngewebe,

IF: HeLa-Zellen,

Hintergrundinformationen

Staufen1 (STAU1)-mediated mRNA decay (SMD) degrades translationally active mRNAs that bind the double-stranded (ds)RNA binding protein STAU1 within their 3'-untranslated regions (3'UTRs) [PMID:21307942]. STAU1 can binds to stem structures and protect Dvl2 mRNA from degradation by associating with the secondary structure in the U1 region which is located at 5' position of second U stretch in the U2 region [PMID:17510634]. It has a role in specific positioning of mRNAs at given sites in the cell by cross-linking cytoskeletal and RNA components, and in stimulating their translation at the site. There are two isoforms of STAU1 protein and the molecular weight of two isoforms are respectively 63 kDa and 55 kDa

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-------------------|-----------|---------------------|-----------|
| Evan P Booy | 30247708 | Nucleic Acids Res | WB |
| Shuyuan Shen | 32322670 | Mol Ther Oncolytics | RIP |
| Yoichiro Sugimoto | 25799984 | Nature | WB |

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

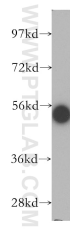
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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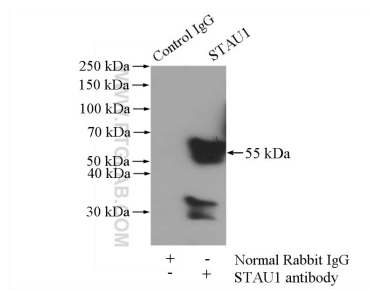
E: proteintech@ptglab.com
W: ptglab.com

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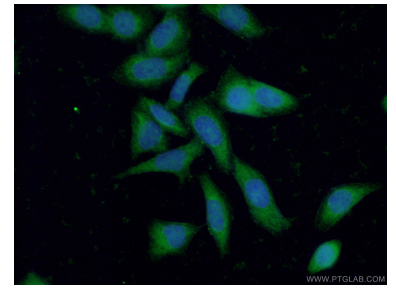
Ausgewählte Validierungsdaten



human brain tissue were subjected to SDS PAGE followed by western blot with 14225-1-AP (STAU1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-STAU1 (IP:14225-1-AP, 4ug; Detection:14225-1-AP 1:500) with mouse brain tissue lysate 3440ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 14225-1-AP (STAU1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).