

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-RNPS1



Numéro de catalogue: 10555-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:

10555-1-AP

Taille:

150ul, Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0844

Numéro d'acquisition GenBank:

BC001838

Identification du gène (NCBI):

10921

Nom complet:

RNA binding protein S1, serine-rich domain

MW calculé

34 kDa

MW observés:

55-60 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IF 1:10-1:100

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HEK-293, cellules Raji, tissu cérébral de souris, tissu cérébral humain, tissu rénal de souris

IP : cellules HEK-293,

IF : cellules HEK-293,

Informations générales

The splicing process of mRNA must be highly precise to carry the correct genetic information to the cytoplasm as templates for translation. And this process involves more than 50 proteins in the splicing complex. RNPS1 is a versatile factor that regulates alternative splicing of a number of pre-mRNAs. It participates in both constitutive splicing and in distinctive modulation of alternative splicing in a substrate dependent manner, and involved in UPF2-dependent nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Its ser-53 phosphorylation site is important for splicing and translation stimulation activity in vitro

Publications notables

Autrice	Pubmed ID	Journal	Application
Hana Cho	35675814	Mol Cell	WB,IP
Valentina Iadevaia	35098996	J Cell Sci	IF
Zhi Zhang	31831174	Biochem Biophys Res Commun	WB,IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

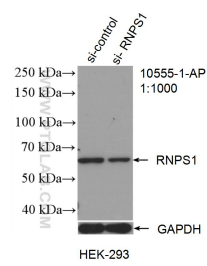
For technical support and original validation data for this product please contact:

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

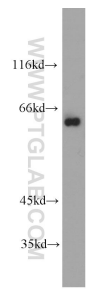
E: proteintech@ptglab.com
W: ptglab.com

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

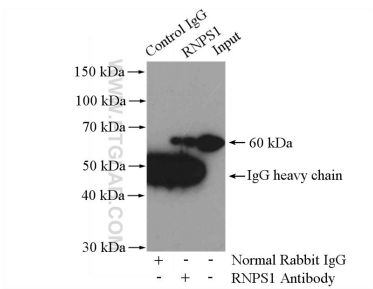
Données de validation sélectionnées



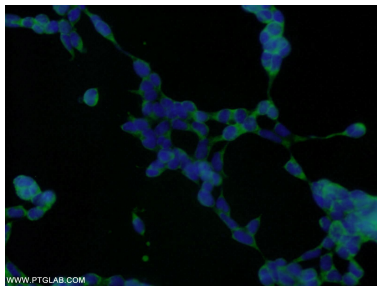
WB result of RNPS1 antibody (10555-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RNPS1 transfected HEK-293 cells.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10555-1-AP (RNPS1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-RNPS1 (IP:10555-1-AP, 4ug; Detection:10555-1-AP 1:800) with HEK-293 cells lysate 3200ug.



Immunofluorescent analysis of HEK-293 cells using 10555-1-AP (RNPS1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).