

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SF3B3



Numéro de catalogue: 14577-1-AP

17 Publications

Informations de base

Numéro de catalogue:

14577-1-AP

Taille:

150ul, Concentration: 650 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5980

Numéro d'acquisition GenBank:

BC003146

Identification du gène (NCBI):

23450

Nom complet:

splicing factor 3b, subunit 3, 130kDa

MW calculé

136 kDa

MW observés:

130-135 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:12000

IP 0.5-4.0 ug for IP and 1:2000-1:20000 for WB

IHC 1:20-1:200

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

ColP, IF, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, rat

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat, cellules HeLa, tissu cardiaque de rat, tissu cardiaque de souris, tissu cérébral de rat, tissu cérébral humain

IP : tissu cérébral de rat,

IHC : tissu de gliome humain,

IF : cellules HeLa,

Informations générales

Introns are removed from nuclear pre-mRNA in 2-step transesterification reactions. Splicing occurred in a large ribonucleoprotein particle, called the spliceosome. Spliceosomal intermediate complexes form on pre-mRNA in the order E, A, B, and C, with the catalytic reactions occurring in complex C. U2 small nuclear ribonucleoproteins are one of the proteins essential for spliceosome assembly and mRNA splicing. Functional U2 snRNP is composed of a 12S unit and 2 splicing factors, SF3A, which is composed of 3 proteins, and SF3B, which composed of 4 proteins. SF3B3 is one of SF3B, and it's required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence(BPS) in pre-mRNA.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|----------------|-----------|------------------|-------------|
| Qingyang Zhang | 34551807 | Mol Neurodegener | WB |
| Nam-Kyung Yu | 34816099 | iScience | IF, ColP |
| Teng Teng | 28541300 | Nat Commun | WB |

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.

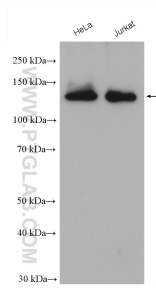
For technical support and original validation data for this product please contact:

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

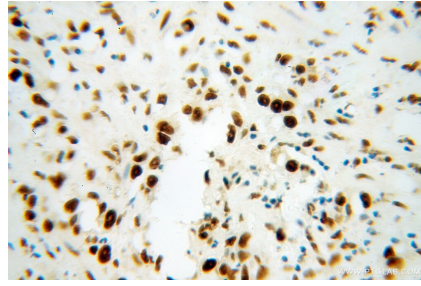
E: proteintech@ptglab.com
W: ptglab.com

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

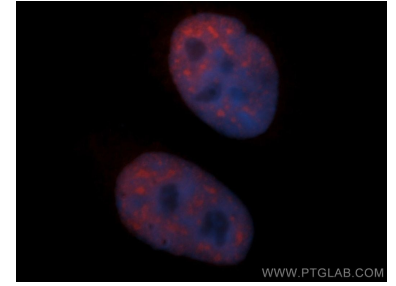
Données de validation sélectionnées



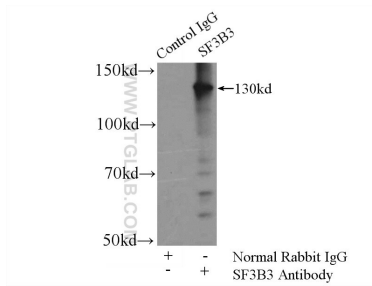
Various lysates were subjected to SDS PAGE followed by western blot with 14577-1-AP (SF3B3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 14577-1-AP (SF3B3 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using SF3B3 antibody 14577-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-SF3B3 (IP:14577-1-AP, 4ug; Detection:14577-1-AP 1:5000) with rat brain tissue lysate 4800ug.