

À des fins de recherche uniquement

Anticorps Monoclonal anti-U2AF35

Numéro de catalogue: 60289-1-Ig **4 Publications**



Informations de base

Numéro de catalogue:	60289-1-Ig	Numéro d'acquisition GenBank:	BC001923	Méthode de purification:	Purification par protéine A
Taille:	150ul , Concentration: 1800 µg/ml by Nanodrop and 1107 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI):	7307	CloneNo.:	2B7F11
Hôte:	Mouse	Nom complet:	U2 small nuclear RNA auxiliary factor	Dilutions recommandées:	WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Isotype:	IgG2c	MW calculé:	28 kDa	IHC:	1:500-1:2000
Immunogen Catalog Number:	AG0399	MW observés:	35-40 kDa	IF:	1:1000-1:4000

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

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 HeLa, cellules COLO 320, cellules HEK-293, cellules HSC-T6, cellules Raji, cellules Ramos

IP : cellules HeLa,

IHC : tissu de cancer du sein humain, tissu de cancer du foie humain

IF : cellules HEK-293, cellules HepG2

Informations générales

U2 auxiliary factor (U2AF), comprising a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. U2 (RNU2) small nuclear RNA auxiliary factor 1 (U2AF1, synonyms: RN, FP793, U2AF35, U2AFBP, RNU2AF1) is the small subunit which plays a critical role in both constitutive and enhancer-dependent RNA splicing by directly mediating interactions between the large subunit and proteins bound to the enhancers. The U2AF1 gene is localized to chromosome 21q22.3, which is the critical region for three diseases, progressive myoclonus epilepsy, autoimmune polyglandular disease type 1, and one form of bipolar affective disorder. The calculated molecular weight of U2AF35 is 28 kDa, but the modified U2AF35 protein is about 35-40 kDa.

Publications notables

Auteur	Pubmed ID	Journal	Application
Li Chen	27683217	Nucleic Acids Res	WB
Qingyang Zhang	34551807	Mol Neurodegener	WB
Kazuhiro Fukumura	34389706	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.

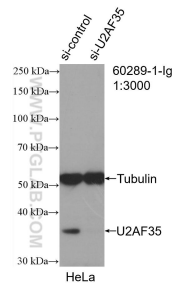
For technical support and original validation data for this product please contact:

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

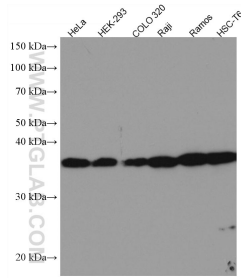
E: proteintech@ptglab.com
W: ptglab.com

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

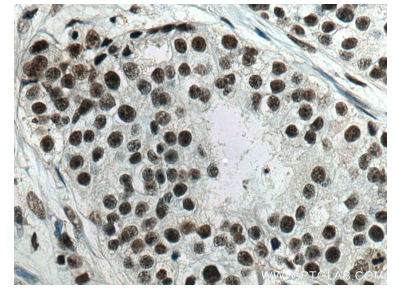
Données de validation sélectionnées



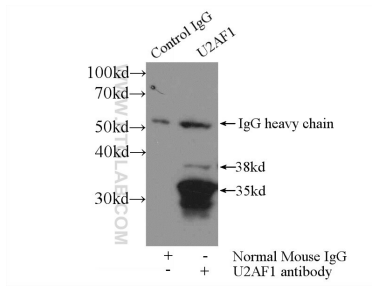
WB result of U2AF35 antibody (60289-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-U2AF35 transfected HeLa cells.



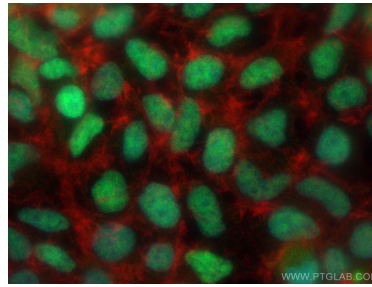
Various lysates were subjected to SDS PAGE followed by western blot with 60289-1-Ig (U2AF35 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



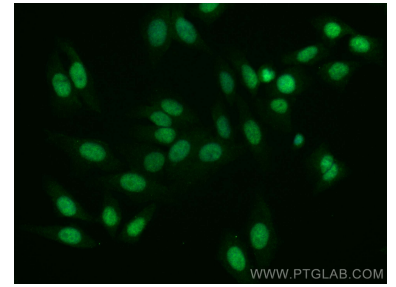
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60289-1-Ig (U2AF35 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-U2AF35 (IP:60289-1-Ig, 3ug; Detection:60289-1-Ig 1:500) with HeLa cells lysate 3000ug.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using U2AF35 antibody (60289-1-Ig, Clone: 2B7F 11) at dilution of 1:2000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using U2AF35 antibody (60289-1-Ig, Clone: 2B7F 11) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).