

À des fins de recherche uniquement

Anticorps Monoclonal anti-U2AF2

Numéro de catalogue: 68166-1-Ig



Informations de base

Numéro de catalogue: 68166-1-Ig	Numéro d'acquisition GenBank: BC008740	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 11338	CloneNo.: 1B7E7
Hôte: Mouse	Nom complet: U2 small nuclear RNA auxiliary factor	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF 1:200-1:800
Isotype: IgG2a	MW calculé: 54 kDa	
Immunogen Catalog Number: AG8070	MW observés: 60-65 kDa	

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

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

Contrôles positifs:

WB : cellules LNCaP, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules K-562, cellules NIH/3T3

IHC : tissu hépatique de souris, tissu hépatique de rat

IF : cellules HEK-293,

Informations générales

U2AF2, also named as U2 auxiliary factor 65 kDa subunit, is a 475 amino acid protein, which belongs to the splicing factor SR family. U2AF2 is Necessary for the splicing of pre-mRNA. By recruiting PRPF19 and the PRP19C/Prp19 complex/NTC/Nineteen complex to the RNA polymerase II C-terminal domain (CTD), pre-mRNA, may couple transcription to splicing. The calculated molecular weight of U2AF2 is 53 kDa, but modified U2AF2 is about 65 kDa.

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.**

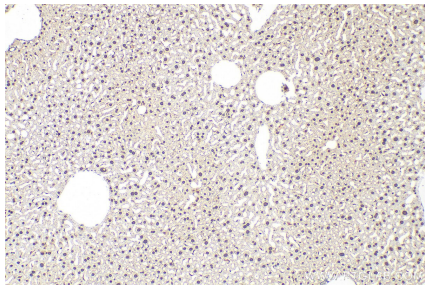
For technical support and original validation data for this product please contact:

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

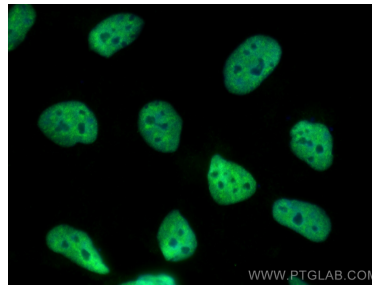
E: proteintech@ptglab.com
W: ptglab.com

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

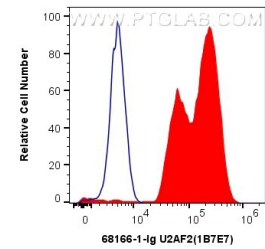
Données de validation sélectionnées



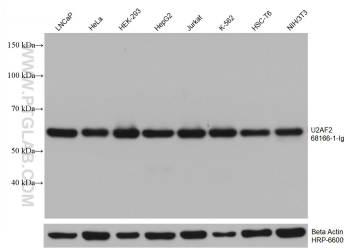
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 68166-1-Ig (U2AF2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



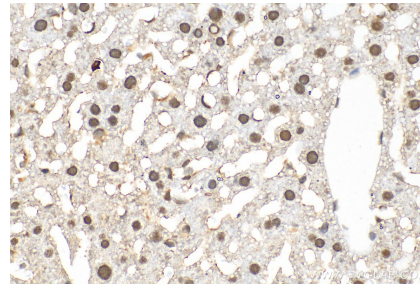
Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using U2AF2 antibody (68166-1-Ig, Clone: 1B7E7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



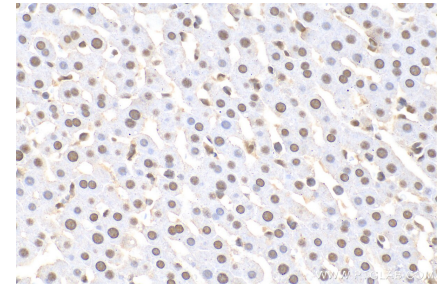
1X10⁶ HEK-293 cells were intracellularly stained with 0.4 ug Anti-Human U2AF2 (68166-1-Ig, Clone:1B7E7) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



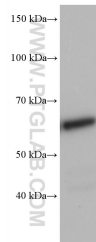
Various lysates were subjected to SDS PAGE followed by western blot with 68166-1-Ig (U2AF2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



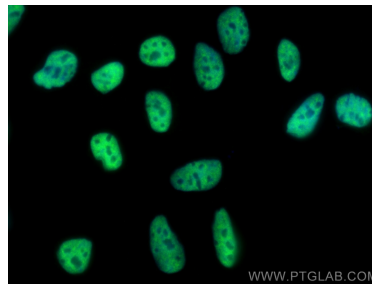
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 68166-1-Ig (U2AF2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 68166-1-Ig (U2AF2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



4T1 cells were subjected to SDS PAGE followed by western blot with 68166-1-Ig (U2AF2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using U2AF2 antibody (68166-1-Ig, Clone: 1B7E7) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).