

For Research Use Only

U2AF35 Monoclonal antibody, PBS Only



Catalog Number: 60289-1-PBS

Basic Information

Catalog Number: 60289-1-PBS	GenBank Accession Number: BC001923	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 7307	CloneNo.: 2B7F11
Source: Mouse	UNIPROT ID: Q01081	
Isotype: IgG2c	Full Name: U2 small nuclear RNA auxiliary factor 1	
Immunogen Catalog Number: AG0399	Calculated MW: 28 kDa	
	Observed MW: 35-40 kDa	

Applications

Tested Applications:
Indirect ELISA, IP, IF/ICC, IHC, WB

Species Specificity:
rat, mouse, human

Background Information

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.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

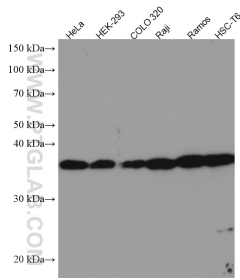
T: 4006900926

E: Proteintech-CN@ptglab.com

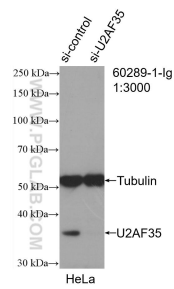
W: ptgcn.com

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

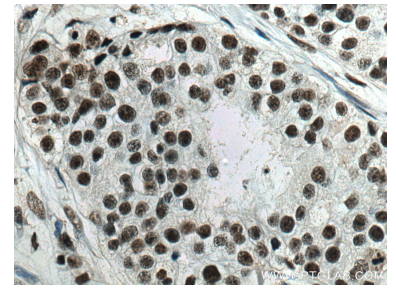
Selected Validation Data



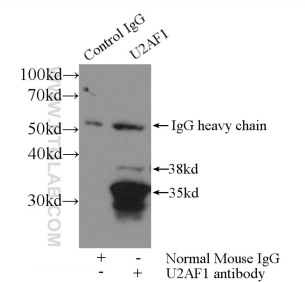
Various lysates were subjected to SDS PAGE followed by western blot with 60289-1-Ig (U2AF35 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60289-1-PBS in a different storage buffer formulation.



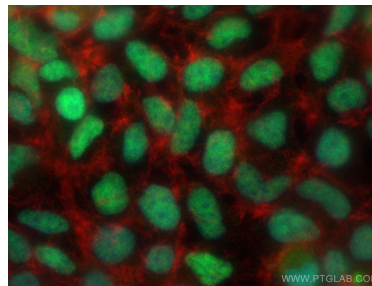
WB result of U2AF35 antibody (60289-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-U2AF35 transfected HeLa cells. This data was developed using the same antibody clone with 60289-1-PBS in a different storage buffer formulation.



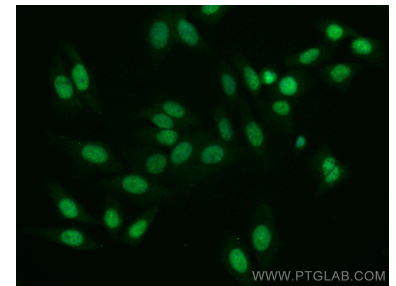
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60289-1-Ig (U2AF35 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60289-1-PBS in a different storage buffer formulation.



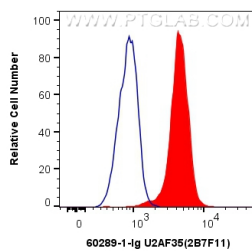
IP result of anti-U2AF35 (IP:60289-1-Ig, 3ug; Detection:60289-1-Ig 1:500) with HeLa cells lysate 3000ug. This data was developed using the same antibody clone with 60289-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using U2AF35 antibody (60289-1-Ig, Clone: 2B7F11) at dilution of 1:2000 and Coralite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 60289-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using U2AF35 antibody (60289-1-Ig, Clone: 2B7F11) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60289-1-PBS in a different storage buffer formulation.



1×10^6 Ramos cells were intracellularly stained with 0.4 ug Anti-Human U2AF35 (60289-1-Ig, Clone:2B7F11) and Coralite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 60289-1-PBS in a different storage buffer formulation.