

For Research Use Only

U2AF2/U2AF65 Polyclonal antibody

Catalog Number:15624-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

15624-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8070

GenBank Accession Number:

BC008740

GeneID (NCBI):

11338

UNIPROT ID:

P26368

Full Name:

U2 small nuclear RNA auxiliary factor

2

Calculated MW:

54 kDa

Observed MW:

60-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF, RIP, IHC

Species Specificity:

human

Cited Species:

human, mouse, bovine

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, HEK-293T cells, HepG2 cells, HeLa cells

IHC : human breast cancer tissue,

Background Information

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Li Fang	34514002	J Immunol Res	WB
Li Wang	36255739	Hum Mol Genet	WB
Yuguo Li	35502531	Bioengineered	WB,IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

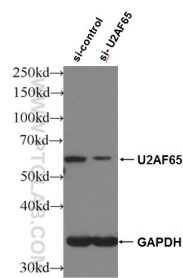
For technical support and original validation data for this product please contact:

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

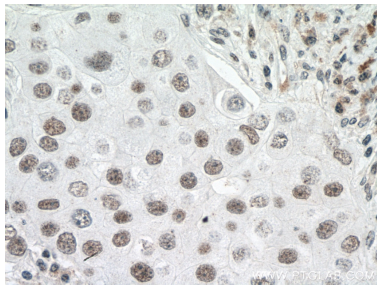
E: proteintech@ptglab.com
W: ptglab.com

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

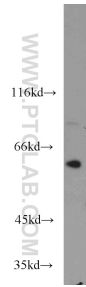
Selected Validation Data



WB result of U2AF65 antibody (15624-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-U2AF65 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15624-1-AP (U2AF65 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Jurkat cells were subjected to SDS PAGE followed by western blot with 15624-1-AP (U2AF65 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.