

U2AF65 Antibody
Rabbit mAb
Catalog # AP92125

Specification

U2AF65 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	P26368
Reactivity	Rat
Clonality	Monoclonal
Other Names	
hU2AF65; U2af2; U2AF65;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	53501 Da

U2AF65 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human U2AF65
Description	Necessary for the splicing of pre-mRNA. Induces cardiac troponin-T (TNNT2) pre-mRNA exon inclusion in muscle. Regulates the TNNT2 exon 5 inclusion through competition with MBNL1. Binds preferentially to a single-stranded structure within the polypyrimidine tract of TNNT2 intron 4 during spliceosome assembly.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

U2AF65 Antibody - Protein Information

Name U2AF2

Synonyms U2AF65

Function

Plays a role in pre-mRNA splicing and 3'-end processing (PubMed:[17024186](http://www.uniprot.org/citations/17024186)). By recruiting PRPF19 and the PRP19C/Prp19 complex/NTC/Nineteen complex to the RNA polymerase II C-terminal domain (CTD), and thereby pre-mRNA, may couple transcription to splicing (PubMed:[21536736](http://www.uniprot.org/citations/21536736)). Induces

cardiac troponin-T (TNNT2) pre-mRNA exon inclusion in muscle. Regulates the TNNT2 exon 5 inclusion through competition with MBNL1. Binds preferentially to a single-stranded structure within the polypyrimidine tract of TNNT2 intron 4 during spliceosome assembly. Required for the export of mRNA out of the nucleus, even if the mRNA is encoded by an intron-less gene. Represses the splicing of MAPT/Tau exon 10. Positively regulates pre-mRNA 3'-end processing by recruiting the CFIm complex to cleavage and polyadenylation signals (PubMed:17024186).

Cellular Location

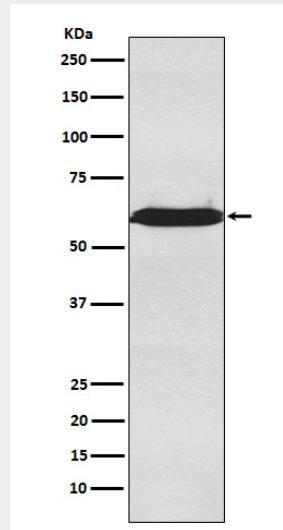
Nucleus.

U2AF65 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

U2AF65 Antibody - Images



Western blot analysis of U2AF65 expression in Jurkat cell lysate.