

KD-Validated Anti-U2AF2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1730

Product Information

Application	WB, FC, ICC
Primary Accession	P26368
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB2465
Calculated MW	53501
Gene Name	U2AF2
Aliases	U2AF2; U2 Small Nuclear RNA Auxiliary Factor 2; U2AF65; U2 SnRNP Auxiliary Factor Large Subunit; U2 Small Nuclear Ribonucleoprotein Auxiliary Factor (65kD); U2 (RNU2) Small Nuclear RNA Auxiliary Factor 2; Splicing Factor U2AF 65 KDa Subunit; U2 Auxiliary Factor 65 KDa Subunit; HU2AF65; Splicing Factor U2AF 65 KD Subunit; HU2AF(65); DEVDFB
Immunogen	A synthesized peptide derived from human U2AF65

Additional Information

Gene ID	11338
Other Names	Splicing factor U2AF 65 kDa subunit, U2 auxiliary factor 65 kDa subunit, hU2AF(65), hU2AF65, U2 snRNP auxiliary factor large subunit, U2AF2, U2AF65

Protein Information

Name	U2AF2
Synonyms	U2AF65
Function	Plays a role in pre-mRNA splicing and 3'-end processing (PubMed: 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). 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.

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