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U2AF1 Antibody (Center S70) Blocking Peptide

Synthetic peptide
Catalog # BP2802c

Specification

U2AF1 Antibody (Center S70) Blocking Peptide - Product Information

Primary Accession Q01081

U2AF1 Antibody (Center S70) Blocking Peptide - Additional Information

Gene ID 102724594;7307

Other Names
Splicing factor U2AF 35 kDa subunit, U2 auxiliary factor 35 kDa subunit, U2 small nuclear RNA auxiliary factor 1, U2 snRNP auxiliary factor small subunit, U2AF1, U2AF35, U2AFBP

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2802c was selected from the Center region of human U2AF1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

U2AF1 Antibody (Center S70) Blocking Peptide - Protein Information

Name U2AF1

Synonyms U2AF35, U2AFBP

Function
Plays a critical role in both constitutive and enhancer- dependent splicing by mediating protein-protein interactions and protein-RNA interactions required for accurate 3'-splice site selection. Recruits U2 snRNP to the branch point. Directly mediates interactions between U2AF2 and proteins bound to the enhancers and thus may function as a bridge between U2AF2 and the enhancer complex to recruit it to the adjacent intron.

Cellular Location
Nucleus. Nucleus speckle

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U2AF1 Antibody (Center S70) Blocking Peptide - Protocols

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

- Blocking Peptides

U2AF1 Antibody (Center S70) Blocking Peptide - Images

U2AF1 Antibody (Center S70) Blocking Peptide - Background

U2AF1 belongs to the splicing factor SR family. U2 auxiliary factor, 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. This gene encodes 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.

U2AF1 Antibody (Center S70) Blocking Peptide - References

Rino,J., Mol. Cell. Biol. 28 (9), 3045-3057 (2008)Little,J.T., J. Biol. Chem. 283 (13), 8145-8152 (2008)Pacheco,T.R., Mol. Cell. Biol. 26 (21), 8183-8190 (2006)