

U2AF1 Antibody (Center Y114) Blocking Peptide
Synthetic peptide
Catalog # BP2802d**Specification**

U2AF1 Antibody (Center Y114) Blocking Peptide - Product InformationPrimary Accession [Q01081](#)**U2AF1 Antibody (Center Y114) 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 [AP2802d](/products/AP2802d) 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 Y114) 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

U2AF1 Antibody (Center Y114) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

U2AF1 Antibody (Center Y114) Blocking Peptide - Images

U2AF1 Antibody (Center Y114) 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 Y114) 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)