

**U2AF4 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10274a****Specification**

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**U2AF4 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q8WU68](#)  
Other Accession [NP\\_659424.2](#), [NP\\_001035515.1](#)

**U2AF4 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 199746

**Other Names**

Splicing factor U2AF 26 kDa subunit, U2 auxiliary factor 26, U2 small nuclear RNA auxiliary factor 1-like protein 4, U2AF1-like 4, U2(RNU2) small nuclear RNA auxiliary factor 1-like protein 3, U2 small nuclear RNA auxiliary factor 1-like protein 3, U2AF1-like protein 3, U2AF1L4, U2AF1-RS3, U2AF1L3

**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.

**U2AF4 Antibody (N-term) Blocking peptide - Protein Information**

**Name** U2AF1L4

**Synonyms** U2AF1-RS3, U2AF1L3

**Function**

RNA-binding protein that function as a pre-mRNA splicing factor. 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. Acts by enhancing the binding of U2AF2 to weak pyrimidine tracts. Also participates in the regulation of alternative pre-mRNA splicing. Activates exon 5 skipping of PTPRC during T-cell activation; an event reversed by GFI1. Binds to RNA at the AG dinucleotide at the 3'-splice site (By similarity). Shows a preference for AGC or AGA (By similarity).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q8BGJ9}. Nucleus speckle {ECO:0000250|UniProtKB:Q8BGJ9}. Cytoplasm {ECO:0000250|UniProtKB:Q8BGJ9}. Note=Interaction with C1QBP is required for the nuclear translocation. Displays active nucleo-cytoplasmic shuttling.

{ECO:0000250|UniProtKB:Q8BGJ9}

**Tissue Location**

Isoform 2 is widely expressed. Isoform 3 is highly expressed in heart, brain and lung, lower expressed in thymus and much lower expressed in peripheral blood leukocytes

**U2AF4 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**U2AF4 Antibody (N-term) Blocking peptide - Images****U2AF4 Antibody (N-term) Blocking peptide - References**

Heyd, F., et al. J. Biol. Chem. 283(28):19636-19645(2008) Dou, T., et al. DNA Seq. 16(3):230-234(2005) Shepard, J., et al. Mol. Cell. Biol. 22(1):221-230(2002) Pearsall, R.S., et al. Biochem. Biophys. Res. Commun. 222(1):171-177(1996) Kitagawa, K., et al. Genomics 30(2):257-263(1995)