

Datasheet for ABIN2778722
anti-U2AF2 antibody (N-Term)[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	U2AF2 (U2AF59)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This U2AF2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human U2AF2
Sequence:	EFERQLNENK QERDKENRHR KRSHSRSRSR DRKRRSRSRD RRNRDQRSAS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against U2AF2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	U2AF2 (U2AF59)
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Target Details

Alternative Name:	U2AF2 (U2AF59 Products)
Background:	<p>U2 auxiliary factor (U2AF), comprised of a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. U2AF2 is the U2AF large subunit which contains a sequence-specific RNA-binding region with 3 RNA recognition motifs and an Arg/Ser-rich domain necessary for splicing. The large subunit binds to the polypyrimidine tract of introns early during spliceosome assembly.</p> <p>U2 auxiliary factor (U2AF), comprised of 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 U2AF large subunit which contains a sequence-specific RNA-binding region with 3 RNA recognition motifs and an Arg/Ser-rich domain necessary for splicing. The large subunit binds to the polypyrimidine tract of introns early during spliceosome assembly. Multiple transcript variants have been detected for this gene, but the full-length natures of only two have been determined to date.</p> <p>Alias Symbols: U2AF65</p> <p>Protein Interaction Partner: THAP1, PUF60, U2AF1, SNRPA, AES, DACH1, SUMO3, UBC, SUZ12, EED, TERF1, EZH2, RNF2, PRPF40A, TCERG1, APBB1, PIN1, SH3RF2, SRPK2, SRPK1, SF1, SRSF1, RBM39, QKI, SCAF11, PRPF3, RBM10, RBM4, SMAD5, IL7R, HNRNPK, HNRNPD, HLA-DMA, SUGP1, CCAR1, SAP30BP, RBFOX2,</p> <p>Protein Size: 471</p>
Molecular Weight:	52 kDa
Gene ID:	11338
NCBI Accession:	NM_001012478 , NP_001012496
UniProt:	Q96HC5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 471 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

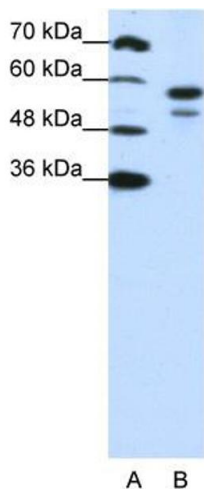
Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

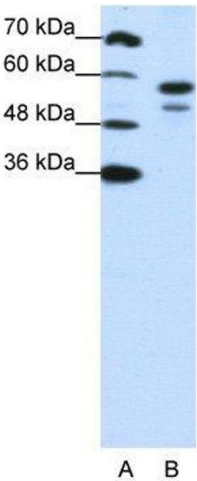
Product cited in:	Sickmier, Frato, Kielkopf: "Crystallization and preliminary X-ray analysis of a U2AF65 variant in complex with a polypyrimidine-tract analogue by use of protein engineering." in: Acta crystallographica. Section F, Structural biology and crystallization communications , Vol. 62, Issue Pt 5, pp. 457-9, (2006) (PubMed).
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Images

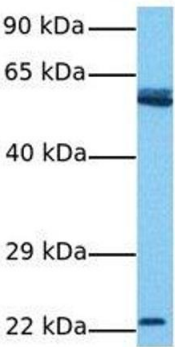


Western Blotting

Image 1. WB Suggested Anti-U2AF2 Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate U2AF2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



U2AF2



Western Blotting

Image 2. WB Suggested Anti-U2AF2

Antibody Titration: 1.25 µg/mL

Positive Control: Jurkat cell lysate

U2AF2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

Western Blotting

Image 3. Host: Rabbit Target Name: U2AF2 Sample Tissue:

Human Jurkat Antibody Dilution: 1.0ug/ml