# antibodies - online.com







# anti-U2AF1 antibody (N-Term)





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| Quantity:             | 100 μL                                                                                                                                         |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:               | U2AF1                                                                                                                                          |
| Binding Specificity:  | N-Term                                                                                                                                         |
| Reactivity:           | Human, Mouse, Rat, Zebrafish (Danio rerio), Guinea Pig, Horse, Rabbit, Cow, Dog, Goat, Saccharomyces cerevisiae                                |
| Host:                 | Rabbit                                                                                                                                         |
| Clonality:            | Polyclonal                                                                                                                                     |
| Conjugate:            | This U2AF1 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 U2AF1                                                     |
| Sequence:             | MAEYLASIFG TEKDKVNCSF YFKIGACRHG DRCSRLHNKP TFSQTILIQN                                                                                         |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Goat: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 86%, Zebrafish: 100% |
| Characteristics:      | This is a rabbit polyclonal antibody against U2AF1. It was validated on Western Blot using a cell lysate as a positive control.                |
| Purification:         | Affinity Purified                                                                                                                              |
| Target Details        |                                                                                                                                                |
| Target:               | U2AF1                                                                                                                                          |

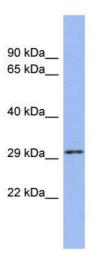
## Target Details

| Alternative Name:   | U2AF1 (U2AF1 Products)                                                                                                                                                                                                                                          |  |  |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Background:         | This gene belongs to the splicing factor SR family of genes. 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 pl |  |  |
|                     | Alias Symbols: DKFZp313J1712, FP793, RN, RNU2AF1, U2AF35, U2AFBP                                                                                                                                                                                                |  |  |
|                     | Protein Interaction Partner: SRPK2, HNRNPK, CLK2, AP2B1, U2AF2, RNPS1, NDN, SUMO3, UBC                                                                                                                                                                          |  |  |
|                     | SUZ12, TERF1, RNF2, EZH2, rev, JMJD6, SUV39H1, SRPK1, SRPK3, CIR1, SF3B2, CHERP,                                                                                                                                                                                |  |  |
|                     | DHX38, PRPF4, RBM10, VEGFA, SNRPD1, SRSF2, SRSF1, MFAP1, IL7R, FN1, FRA10AC1, TOE1,                                                                                                                                                                             |  |  |
|                     | PRPF38A, NKAP, PRPF40A, ZCCHC10                                                                                                                                                                                                                                 |  |  |
|                     | Protein Size: 240                                                                                                                                                                                                                                               |  |  |
| Molecular Weight:   | 28 kDa                                                                                                                                                                                                                                                          |  |  |
| Gene ID:            | 7307                                                                                                                                                                                                                                                            |  |  |
| NCBI Accession:     | NM_001025203, NP_001020374                                                                                                                                                                                                                                      |  |  |
| UniProt:            | Q701P4                                                                                                                                                                                                                                                          |  |  |
| Application Details |                                                                                                                                                                                                                                                                 |  |  |
| Application Notes:  | Optimal working dilutions should be determined experimentally by the investigator.                                                                                                                                                                              |  |  |
| Comment:            | Antigen size: 240 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 %                                                                                                                                                                      |  |  |
|                     | 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.

### **Images**



### **Western Blotting**

**Image 1.** WB Suggested Anti-U2AF1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Fetal stomach



Image 2.