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# ZRSR2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5111

## Product Information

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|---|---|
| **Application** | IHC-P, WB |
| **Primary Accession** | Q15696 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 58045 |
| **Isotype** | Rabbit IgG |
| **Antigen Source** | Human |

## Additional Information

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| **Gene ID** | 8233 |
| **Antigen Region** | 453-482 |
| **Other Names** | U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2;U2AF1-RS2; U2AF1L2; U2AF1RS2; URP; U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2; U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2; CCCH type zinc finger, RNA-binding motif and serine/arginine rich protein 2; U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2; Renal carcinoma antigen NY-REN-20; U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2; U2(RNU2) small nuclear RNA auxiliary factor 1-like 2; U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2; U2AF35-related protein |
| **Dilution** | IHC-P~~1:100~500 WB~~1:1000 |
| **Target/Specificity** | This ZRSR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 453-482 amino acids from the C-terminal region of human ZRSR2. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | ZRSR2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | ZRSR2 |
| **Synonyms** | U2AF1-RS2, U2AF1L2, U2AF1RS2, URP |
| **Function** | Pre-mRNA-binding protein required for splicing of both U2- and U12-type introns. Selectively interacts with the 3'-splice site of U2- and U12-type pre-mRNAs and promotes different steps in U2 and U12 intron splicing. Recruited to U12 pre-mRNAs in an ATP-dependent manner and is required for assembly of the pre-spliceosome, a precursor to other spliceosomal complexes. For U2-type introns, it is selectively and specifically required for the second step of splicing. |
| **Cellular Location** | Nucleus. |
| **Tissue Location** | Widely expressed.. |

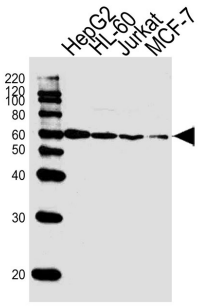
## Background

Pre-mRNA-binding protein required for splicing of both U2-and U12-type introns. Selectively interacts with the 3'-splice site of U2-and U12-type pre-mRNAs and promotes different steps in U2 and U12 intron splicing. Recruited to U12 pre-mRNAs in an ATP-dependent manner and is required for assembly of the prespliceosome, a precursor to other spliceosomal complexes. For U2-type introns, it is selectively and specifically required for the second step of splicing.

## References

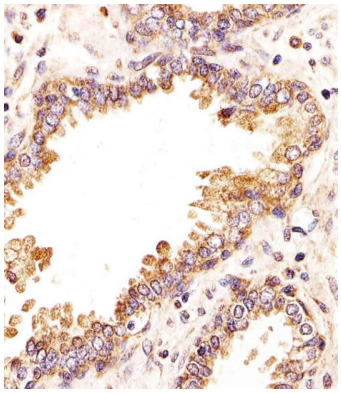

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Tronchere H., et al. Nature 388:397-400(1997).
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## Images




Western blot analysis of lysates from HepG2,HL-60,Jurkat,MCF-7 cell line (from left to right), using ZRSR2 Antibody (C-term)(Cat. #AW5111). AW5111 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.

Immunohistochemical analysis of paraffin-embedded H. prostate section using ZRSR2 Antibody (C-term)(Cat#AW5111). AW5111 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.