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ZRSR2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5111

Product Information

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

Additional Information

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

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..

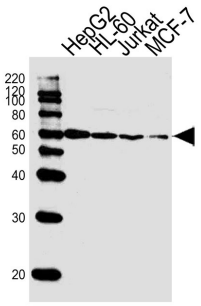
Background

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

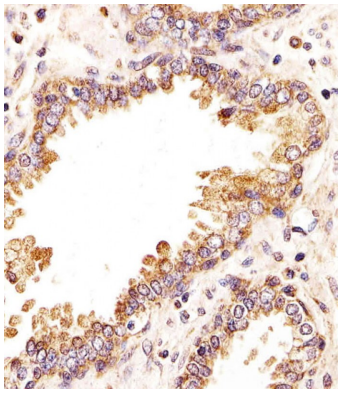
Kitagawa K., et al. Genomics 30:257-263(1995).
Ross M.T., et al. Nature 434:325-337(2005).
Tronchere H., et al. Nature 388:397-400(1997).
Scanlan M.J., et al. Int. J. Cancer 83:456-464(1999).
Will C.L., et al. RNA 10:929-941(2004).

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'.