



Rabbit Anti-ZRSR2 antibody

SL16408R

Product Name:	ZRSR2
Chinese Name:	ZRSR2蛋白抗体
Alias:	CCCH type zinc finger, RNA binding motif and serine/arginine rich protein 2; MGC142014; U2AFM_HUMAN; MGC142040; 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; U2AF1 RS2; U2AF1L2; U2AF1RS2; U2AF35-related protein; URP; Zinc finger-, CCCH domain-, and RNA-binding motif-containing serine/arginine-rich protein 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	58kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZRSR2:351-450/482
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes an essential splicing factor. The encoded protein associates with the U2 auxiliary factor heterodimer, which is required for the recognition of a functional 3'

splice site in pre-mRNA splicing, and may play a role in network interactions during spliceosome assembly. [provided by RefSeq, Jul 2008]

Function:

ZRSR2 is an essential splicing factor. The protein associates with the U2 auxiliary factor heterodimer, which is required for the recognition of a functional 3' splice site in pre-mRNA splicing, and may play a role in network interactions during spliceosome assembly. This gene encodes U2AF small subunit related protein 2 which is an essential splicing factor. This protein is associated with the U2AF heterodimer composed of a large and a small subunit. It specifically interacts with the large subunit through an U2AF small subunit homologous region, and with SR proteins through its RS domain. This protein and U2AF small subunit are not functionally redundant.

Subunit:

Component of the U11/U12 snRNPs that are part of the U12-type spliceosome. Interacts (via RS domain) with SRSF1 and SRSF2. Interacts with U2AF2/U2AF65.

Subcellular Location:

Nuclear

Tissue Specificity:

Widely expressed.

Post-translational modifications:

Phosphorylated in the RS domain by SRPK1.

Similarity:

Contains 2 C3H1-type zinc fingers.

Contains 1 RRM (RNA recognition motif) domain.

SWISS:

Q15696

Gene ID:

8233

Database links:

[Entrez Gene: 8233](#) Human

[Entrez Gene: 22184](#) Mouse

[Entrez Gene: 302670](#) Rat

[Omim: 300028](#) Human

[SwissProt: Q15696](#) Human

[SwissProt: Q62377](#) Mouse

[Unigene: 171909](#) Human

[Unigene: 426178](#) Mouse

[Unigene: 26786](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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