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ZRSR2 Rabbit pAb

Catalog # AP99831

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q15696
Other Accession	Q15696
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58045
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZRSR2
Epitope Specificity	351-450/482
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 C3H1-type zinc fingers.Contains 1 RRM (RNA recognition motif) domain.
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.
Post-translational modifications	Phosphorylated in the RS domain by SRPK1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	8233
Other Names	OFD21; U2AF1-RS2; U2AF1L2; U2AF1RS2; URP; ZC3H22; 35kDa; 5031411E02Rik; A230052C13Rik; RGD1559763; U2AFM_HUMAN; ZRSR2; CCCH type zinc finger, RNA-binding motif and serine/arginine rich protein 2; Renal carcinoma antigen NY-REN-20; U2(RNU2) small nuclear RNA auxiliary factor 1-like 2; U2AF35-related protein (URP); U2AFM_MOUSE; zinc finger CCCH-type, RNA binding motif and serine/arginine rich 2; U2 small nuclear RNA auxiliary factor 1-like 2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

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..

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