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Product datasheet for TA331505

ZRANB2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ZNF265 Antibody: synthetic peptide directed towards the N terminal of human ZNF265. Synthetic peptide located within the following region: RCGREKTTEAKMMKAGGTEIGKTLAEKSRGLFSANDWQCKTCSNVNWARR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	zinc finger RANBP2-type containing 2
Database Link:	NP_976225 Entrez Gene 9406 Human O95218
Background:	ZNF265 is a protein that has been shown to bind to the spliceosomal components U1-70K and U2AF35 and to direct alternative splicing. Analysis of the structure reveals substantial similarity to known RNA-binding motifs in terms of the distribution of key surface residues responsible for making RNA contacts, despite a complete lack of structural homology. An RNA gel shift assay was used to demonstrate that a single crossed finger domain from ZNF265 is capable of binding to an RNA message. Taken together, these results define a new RNA-binding motif and should provide insight into the functions of the >100 uncharacterized proteins in the sequence data bases that contain this domain.

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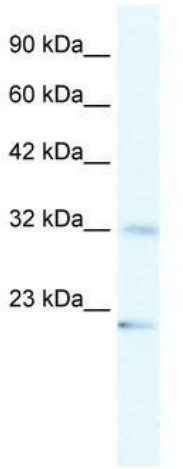
Synonyms: ZIS; ZIS1; ZIS2; ZNF265

Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Families: Druggable Genome, Transcription Factors

Product images:



WB Suggested Anti-ZNF265 Antibody Titration: 1.25ug/ml; ELISA Titer: 1: 312500; Positive Control: HepG2 cell lysate