SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-ZRANB2/ZNF265 antibody

SL16406R

Product Name:	ZRANB2/ZNF265
Chinese Name:	Zinc finger protein265抗体
Alias:	ZRANB 2; DKFZp686J1831; DKFZp686N09117; FLJ41119; ZSC23_HUMAN OTTHUMP00000011240; OTTHUMP00000011241; Zinc finger protein 265; Zinc finger RAN binding domain containing 2; Zinc finger Ran binding domain containing protein 2; Zinc finger splicing; ZIS; ZIS1; ZIS2; ZNF265.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Sheep,
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:	38kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZRANB2/ZNF265:251-330/330
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:	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZNF265 (Zinc finger protein 265), also known as ZRANB2 (Zinc finger

Ran-binding domain-containing protein 2), ZIS, ZIS1 or ZIS2, is a 330 amino acid protein that belongs to the ZRANB2 family. Localized to the nucleus, ZNF265 functions as a splicing factor that is responsible for alternatively splicing Tra-2∫ (transformer-2 beta) transcripts and is thought to interfere with constitutive 5'-splice selection. ZNF265 contains two RanBP2-type zinc fingers through which it conveys its RNA-binding activity. Two isoforms, designated ZIS-1 and ZIS-2, are expressed due to alternative splicing events. Upon DNA damage, ZIS-2 may be phosphorylated by ATM or ATR.

Function:
ZRANB2 is a splice factor required for alternative splicing of SFRS10/TRA2B transcripts. It may interfere with constitutive 5'-splice site selection.

Subunit:
Interacts with the C-terminal half of SNRNP70, the Arg/Ser-rich domain of AKAP17A as well as with U2AF1 and CLK1.

Subcellular Location:
Nuclear

Post-translational modifications:
Isoform 2 is phosphorylated on Ser-310 upon DNA damage, probably by ATM or ATR.

Similarity:
Belongs to the ZRANB2 family.
Contains 2 RanBP2-type zinc fingers.

SWISS:
O95218

Gene ID:
9406

Database links:

Entrez Gene: 9406 Human

Entrez Gene: 53861 Mouse

Entrez Gene: 58821 Rat

Omim: 604347 Human

SwissProt: O95218 Human

SwissProt: Q9R020 Mouse

	SwissProt: O35986 Rat Unigene: 194718 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.