

## **ZIS Polyclonal Antibody**

Catalog No: YT4952

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;IHC;IF;ELISA

Target: ZIS

Gene Name: ZRANB2

**Protein Name:** Zinc finger Ran-binding domain-containing protein 2

O95218

Q9R020

Human Gene ld: 9406

**Human Swiss Prot** 

No:

Mouse Gene ld: 53861

**Mouse Swiss Prot** 

No:

Rat Gene ld: 58821

Rat Swiss Prot No: 035986

Immunogen: The antiserum was produced against synthesized peptide derived from human

ZNF265. AA range:106-155

**Specificity:** ZIS Polyclonal Antibody detects endogenous levels of ZIS protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not

yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



**Concentration**: 1 mg/ml

**Storage Stability:** -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 34kD

**Background:** domain: The RanBP2-type zinc fingers mediate binding to RNA., function: Splice

factor required for alternative splicing of TRA2B/SFRS10 transcripts. May interfere with constitutive 5'-splice site selection.,PTM:Isoform 2 is

phosphorylated on Ser-310 upon DNA damage, probably by ATM or ATR., sequence caution: Intron retention., similarity: Belongs to the ZRANB2 family., similarity: Contains 2 RanBP2-type zinc fingers., subunit: Interacts with the C-terminal half of SNRNP70, the Arg/Ser-rich domain of XE7 as well as with

U2AF1 and CLK1.,

**Function:** domain: The RanBP2-type zinc fingers mediate binding to RNA., function: Splice

factor required for alternative splicing of TRA2B/SFRS10 transcripts. May

interfere with constitutive 5'-splice site selection.,PTM:Isoform 2 is phosphorylated on Ser-310 upon DNA damage, probably by ATM or ATR.,sequence caution:Intron retention.,similarity:Belongs to the ZRANB2 family.,similarity:Contains 2 RanBP2-type zinc fingers.,subunit:Interacts with the C-terminal half of SNRNP70, the Arg/Ser-rich domain of XE7 as well as with

U2AF1 and CLK1.,

Subcellular Location:

Nucleus.

**Expression:** Brain, Epithelium, Fetal brain, Fetal kidney, Liver, Skin, Testis, Uterus,

**Sort**: 24546

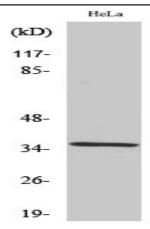
**No4**: 1

Host: Rabbit

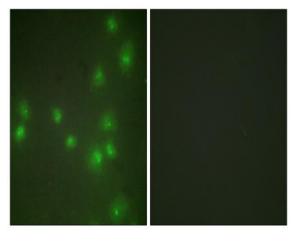
Modifications: Unmodified

## **Products Images**

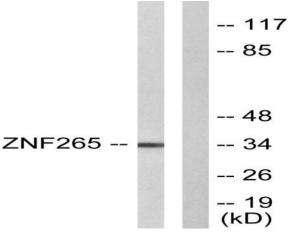
2/4



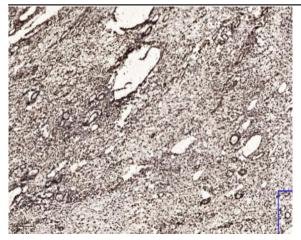
Western Blot analysis of various cells using ZIS Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunofluorescence analysis of HUVEC cells, using ZNF265 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using ZNF265 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).