10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ZNF265 Antibody

Catalog # AP53326

Product Information

Application	WB, IHC, IF/IC
Primary Accession	O95218
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37404

Additional Information

Gene ID	9406
Other Names	ZIS; ZNF265; Zinc finger Ran-binding domain-containing protein 2; Zinc finger protein 265; Zinc finger, splicing
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZNF265. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

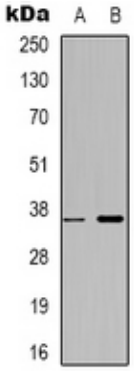
Name	ZRANB2
Synonyms	ZIS, ZNF265
Function	Splice factor required for alternative splicing of TRA2B/SFRS10 transcripts. Binds to ssRNA containing the consensus sequence 5'-AGGUAA-3' (PubMed:21256132). May interfere with constitutive 5'-splice site selection.
Cellular Location	Nucleus.

References

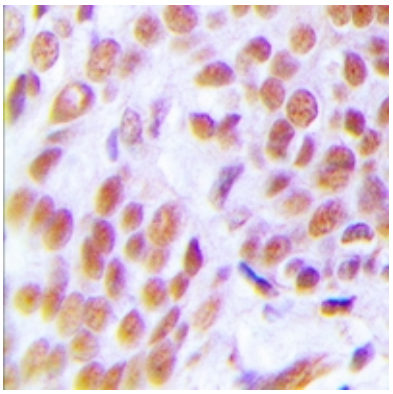
Nakano M.,et al.Gene 225:59-65(1998).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.

Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).

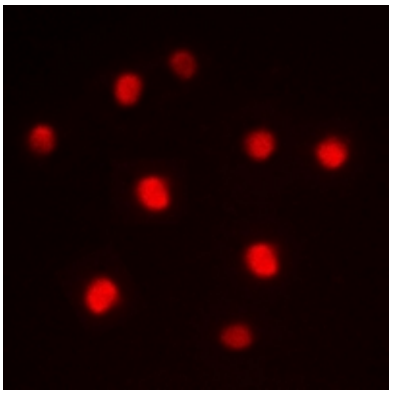
Images



Western blot analysis of ZNF265 expression in HepG2 (A), MCF7 (B) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 37 kD)



Immunohistochemical analysis of ZNF265 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of ZNF265 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.