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Anti-SNRP116 Antibody

Catalog # AP51701

Product Information

Application	WB, IHC
Primary Accession	Q15029
Reactivity	Human, Mouse, Rat, Zebrafish, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109436

Additional Information

Gene ID	9343
Other Names	KIAA0031; SNRP116; 116 kDa U5 small nuclear ribonucleoprotein component; Elongation factor Tu GTP-binding domain-containing protein 2; SNU114 homolog; hSNU114; U5 snRNP-specific protein, 116 kDa; U5-116 kDa
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SNRP116. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
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

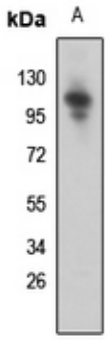
Protein Information

Name	EFTUD2
Synonyms	KIAA0031, SNRP116
Function	Required for pre-mRNA splicing as component of the spliceosome, including pre-catalytic, catalytic and post-catalytic spliceosomal complexes (PubMed:25092792, PubMed:28076346, PubMed:28502770, PubMed:28781166, PubMed:29301961, PubMed:29360106, PubMed:29361316, PubMed:30315277, PubMed:30705154). Component of the U5 snRNP and the U4/U6-U5 tri-snRNP complex, a building block of the spliceosome (PubMed:16723661). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable).
Cellular Location	Nucleus

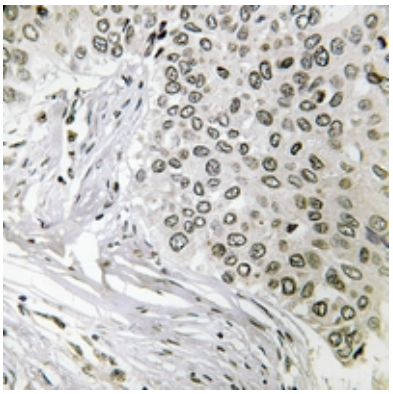
References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Fabrizio P.,et al.EMBO J. 16:4092-4106(1997).

Images



Western blot analysis of SNRP116 expression in zebrafish (A) whole cell lysates. (Predicted band size: 109 kD; Observed band size: 116 kD)



Immunohistochemical analysis of SNRP116 staining in human lung 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.

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