

# SNRP116 Antibody

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP51701

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q15029</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	109436

## Additional Information

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<b>Gene ID</b>	9343
<b>Other Names</b>	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, EFTUD2, KIAA0031, SNRP116
<b>Target/Specificity</b>	KLH conjugated synthetic peptide derived from human SNRP116
<b>Dilution</b>	WB~~ 1:1000
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C. Stable for 12 months from date of receipt

## Protein Information

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

## Background

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Component of the U5 snRNP and the U4/U6-U5 tri-snRNP complex required for pre-mRNA splicing. Binds GTP.

## References

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Nomura N., et al. DNA Res. 1:27-35(1994).

Ota T., et al. Nat. Genet. 36:40-45(2004).

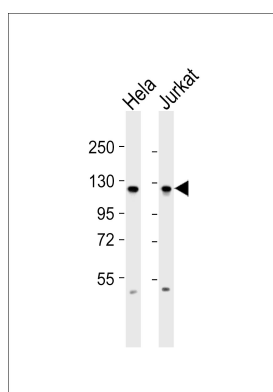
Zody M.C., et al. Nature 440:1045-1049(2006).

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

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All lanes : Anti-SNRP116 Antibody at 1:1000 dilution Lane 1: HeLa whole cell lysates Lane 2: Jurkat whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 109 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.