

# FTSJ3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12057c

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q8IY81</a>
Other Accession	<a href="#">NP_060117.3</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB13978
Calculated MW	96558
Antigen Region	616-646

## Additional Information

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Gene ID	117246
Other Names	pre-rRNA processing protein FTSJ3 {ECO:0000255 HAMAP-Rule:MF_03163}, 211- {ECO:0000255 HAMAP-Rule:MF_03163}, 2'-O-ribose RNA methyltransferase SPB1 homolog {ECO:0000255 HAMAP-Rule:MF_03163}, Protein ftsj homolog 3 {ECO:0000255 HAMAP-Rule:MF_03163}, Putative rRNA methyltransferase 3 {ECO:0000255 HAMAP-Rule:MF_03163}, FTSJ3 {ECO:0000255 HAMAP-Rule:MF_03163}
Target/Specificity	This FTSJ3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 616-646 amino acids from the Central region of human FTSJ3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FTSJ3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	FTSJ3 {ECO:0000255 HAMAP-Rule:MF_03163}
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<b>Function</b>	RNA 2'-O-methyltransferase involved in the processing of the 34S pre-rRNA to 18S rRNA and in 40S ribosomal subunit formation.
<b>Cellular Location</b>	Nucleus, nucleolus {ECO:0000255   HAMAP- Rule:MF_03163, ECO:0000269   PubMed:12429849, ECO:0000269   PubMed:22195017}

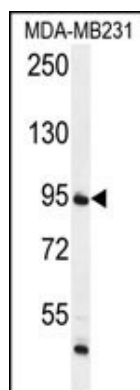
## Background

Although the function of this gene is not known, the existence of this gene is supported by mRNA and EST data. A possible function of the encoded protein can be inferred from amino acid sequence similarity to the E.coli FtsJ protein and to a mouse protein possibly involved in embryogenesis.

## References

Olsen, J.V., et al. Cell 127(3):635-648(2006)  
 Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)  
 Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)  
 Andersen, J.S., et al. Nature 433(7021):77-83(2005)  
 Scherl, A., et al. Mol. Biol. Cell 13(11):4100-4109(2002)

## Images



FTSJ3 Antibody (Center) (Cat. #AP12057c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the FTSJ3 antibody detected the FTSJ3 protein (arrow).

## Citations

- [FTSJ3 is an RNA 2'-O-methyltransferase recruited by HIV to avoid innate immune sensing.](#)

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