

FTSJ3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12057c

Specification

FTSJ3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8IY81
Other Accession	NP_060117.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	616-646

FTSJ3 Antibody (Center) - Additional Information

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.

FTSJ3 Antibody (Center) - Protein Information

Name FTSJ3 {ECO:0000255|HAMAP-Rule:MF_03163}

Function RNA 2'-O-methyltransferase involved in the processing of the 34S pre-rRNA to 18S rRNA and in 40S ribosomal subunit formation.

Cellular Location

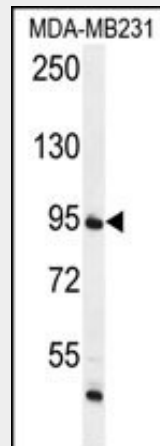
Nucleus, nucleolus {ECO:0000255|HAMAP- Rule:MF_03163, ECO:0000269|PubMed:12429849, ECO:0000269|PubMed:22195017}

FTSJ3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FTSJ3 Antibody (Center) - 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).

FTSJ3 Antibody (Center) - 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.

FTSJ3 Antibody (Center) - 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)

FTSJ3 Antibody (Center) - Citations

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