

DATASHEET

FTSJ1 Rabbit Polyclonal Antibody

CAT. NO. APA15666

KEY FEATURES

Target	FTSJ1	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Methylates the 2'-O-ribose of nucleotides at positions 32 and 34 of the tRNA anticodon loop of substrate tRNAs . Requisite for faithful cytoplasmic translation . Requires THADA for methylation of the nucleotide at position 32 of the anticodon loop of substrate tRNAs . Requires WDR6 for methylation of the nucleotide at position 34 of the anticodon loop of substrate tRNAs . Promotes translation efficiency of the UUU codon . Plays a role in neurogenesis . Required for expression of genes involved in neurogenesis, mitochondrial translation and energy generation, and lipid biosynthesis . Requisite for RNA-mediated gene silencing .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

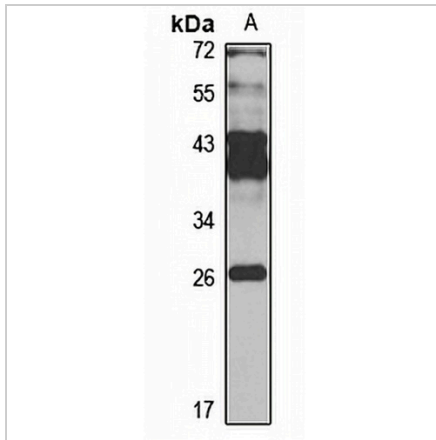
Description	Rabbit polyclonal antibody to FTSJ1
Specificity	Recognizes endogenous levels of FTSJ1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human FTSJ1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 35; Observed: 26 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Putative tRNA (cytidine(32)/guanosine(34)-2'-O)-methyltransferase; 2'-O-ribose RNA methyltransferase TRM7 homolog; Protein ftsj homolog 1
Gene Symbol	FTSJ1
Entrez Gene	24140(Human)
SwissProt	Q9UET6(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of FTSJ1 expression in HT1080 (A) whole cell lysates. (Predicted band size: 35; 36 kD; Observed band size: 26 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.