

# FTSJD1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14077

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8IYT2</a>
<b>Other Accession</b>	<a href="#">NM_018348</a> , <a href="#">NP_060818</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine, Yeast
<b>Predicted</b>	Rat, Rabbit, Chicken, Dog, Guinea Pig, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	88120

## Additional Information

<b>Gene ID</b>	55783
<b>Alias Symbol</b> <b>Other Names</b>	AFT, MTr2, FTSJD1 Cap-specific mRNA (nucleoside-2'-O-)-methyltransferase 2, 2.1.1.296, Cap methyltransferase 2, Cap2 2'O-ribose methyltransferase 2, HMTr2, MTr2, FtsJ methyltransferase domain-containing protein 1, Protein adrift homolog, CMTR2, AFT, FTSJD1
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-FTSJD1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	FTSJD1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

<b>Name</b>	CMTR2
<b>Synonyms</b>	AFT, FTSJD1
<b>Function</b>	S-adenosyl-L-methionine-dependent methyltransferase that mediates mRNA cap2 2'-O-ribose methylation to the 5'-cap structure of mRNAs. Methylates the ribose of the second nucleotide of a m(7)GpppG- capped mRNA and small nuclear RNA (snRNA) (cap0) to produce m(7)GpppRmpNm (cap2). Recognizes a guanosine cap on RNA independently of its N(7) methylation status. Display cap2 methylation on both cap0 and cap1. Displays a preference for cap1

RNAs.

## Cellular Location

Nucleus. Cytoplasm

## References

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

Martin J.,et al.Nature 432:988-994(2004).

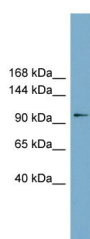
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Zan Q.,et al.Submitted (DEC-2001) to the EMBL/GenBank/DDBJ databases.

Werner M.,et al.Nucleic Acids Res. 39:4756-4768(2011).

## Images

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WB Suggested Anti-FTSJD1 Antibody Titration: 0.2-1 µg/ml  
Positive Control: NCI-H226 cell lysate

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