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FTSJD1 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI14077

Product Information

Application	WB
Primary Accession	Q8IYT2
Other Accession	NM_018348, NP_060818
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Rat, Rabbit, Chicken, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88120

Additional Information

Gene ID	55783
Alias Symbol	AFT, MTr2, FTSJD1
Other Names	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
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	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.
Precautions	FTSJD1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CMTR2
Synonyms	AFT, FTSJD1
Function	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

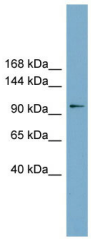
RNAs.

Cellular Location Nucleus. Cytoplasm

References

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



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'.