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FTSJ1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12989

Product Information

Application	WB
Primary Accession	Q8IYT2
Other Accession	NM_177439, NP_803188
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88120

Additional Information

Gene ID	55783
Alias Symbol	CDLIV, JM23, MRX44, MRX9, SPB1, TRM7
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-FTSJ1 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	FTSJ1 antibody - N-terminal 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

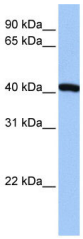
RNAs.

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-FTSJ1 Antibody Titration: 0.2-1 µg/ml
Positive Control: HepG2 cell lysate

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