

FTSJ1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12989**Specification**

FTSJ1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8IYT2
Other Accession	NM_177439 , NP_803188
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa kDa

FTSJ1 antibody - N-terminal region - 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.

FTSJ1 antibody - N-terminal region - 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.

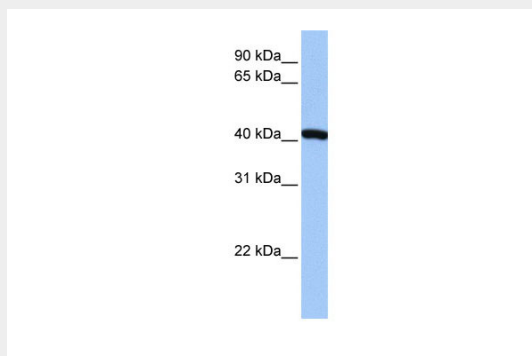
Cellular Location

Nucleus. Cytoplasm

FTSJ1 antibody - N-terminal region - 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](#)

FTSJ1 antibody - N-terminal region - Images

WB Suggested Anti-FTSJ1 Antibody Titration: 0.2-1 µg/ml

Positive Control: HepG2 cell lysate

FTSJ1 antibody - N-terminal region - 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).