

FTSJD1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14077**Specification**

FTSJD1 antibody - middle region - Product Information

Application	WB
Primary Accession	Q8IYT2
Other Accession	NM_018348 , NP_060818
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Rat, Rabbit, Chicken, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88kDa KDa

FTSJD1 antibody - middle region - 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.

FTSJD1 antibody - middle 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.

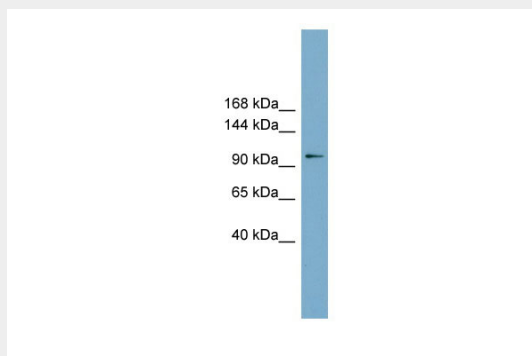
Cellular Location

Nucleus. Cytoplasm

FTSJD1 antibody - middle 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](#)

FTSJD1 antibody - middle region - Images

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

FTSJD1 antibody - middle 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).