

FTSJD2 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13752

Product Information

Application	WB
Primary Accession	Q8N1G2
Other Accession	NM_015050 , NP_055865
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	95321

Additional Information

Gene ID	23070
Alias Symbol	KIAA0082, MTr1, hMTr1, FTSJD2
Other Names	Cap-specific mRNA (nucleoside-2'-O-)-methyltransferase 1, 2.1.1.57, Cap methyltransferase 1, Cap1 2'-O-ribose methyltransferase 1, MTr1, hMTr1, Ftsj methyltransferase domain-containing protein 2, Interferon-stimulated gene 95 kDa protein, ISG95, CMTR1, FTSJD2, KIAA0082, MTR1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 μ l of distilled water. Final Anti-FTSJD2 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	FTSJD2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CMTR1
Synonyms	FTSJD2, KIAA0082, MTR1
Function	S-adenosyl-L-methionine-dependent methyltransferase that mediates mRNA cap1 2'-O-ribose methylation to the 5'-cap structure of mRNAs. Methylates the ribose of the first nucleotide of a m(7)GpppG- capped mRNA and small nuclear RNA (snRNA) to produce m(7)GpppRm (cap1). Displays a preference for cap0 transcripts. Cap1 modification is linked to higher levels of translation. May be involved in the interferon response pathway.

References

Nagase T.,et al.DNA Res. 2:37-43(1995).

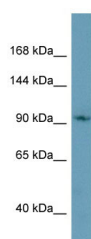
Ohara O.,et al.Submitted (JAN-2005) to the EMBL/GenBank/DDBJ databases.

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

Mungall A.J.,et al.Nature 425:805-811(2003).

Geiss G.K.,et al.J. Virol. 77:6367-6375(2003).

Images



Host: Rabbit

Target Name: FTSJD2

Sample Tissue: ACHN Whole cell lysate

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Antibody Dilution: 1.0µg/ml

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