

Rabbit anti-Human, mouse Putative tRNAcytidine (32)/guanosine (34)-2'-O)-methyltransferase Polyclonal Antibody | anti-FTSJ1 antibody

Rabbit anti-human Putative tRNAcytidine(32)/guanosine(34)-2'-O)-methyltransferase polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229657	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA

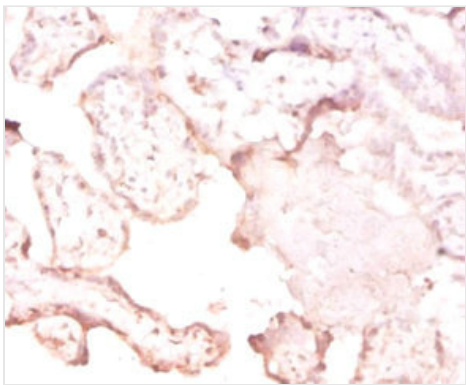
PRODUCT SYNONYMS

Putative tRNAcytidine (32)/guanosine (34)-2'-O)-methyltransferase; Polyclonal Antibody; Rabbit anti-human Putative tRNAcytidine(32)/guanosine(34)-2'-O)-methyltransferase polyclonal Antibody; 2'-O-ribose RNA methyltransferase TRM7 homolog Protein ftsJ homolog 1 FTSJ1 JM23; anti-FTSJ1 antibody

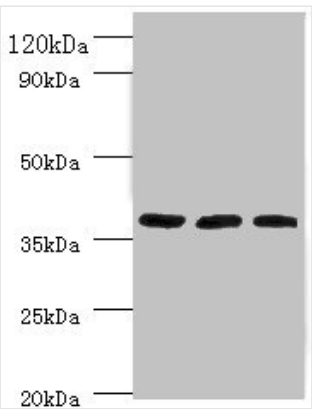
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	192
Applicable Applications for anti-FTSJ1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Putative tRNAcytidine(32)/guanosine(34)-2'-O)-methyltransferase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-133596
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta using AAA229657 at dilution of 1:50



WB (Western Blot)
All lanes: Putative tRNAcytidine(32)/guanosine(34)-2'-O)-methyltransferase antibody at 2ug/mL
Lane 1: HepG2 whole cell lysate
Lane 2: mouse brain tissue
Lane 3: EC109 whole cell lysate
Secondary: Goat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size: 37,36 kDa
Observed band size: 16.7 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FTSJ1 antibody	Methylates the 2'-O-ribose of nucleotides at positions 32 and 34 of the tRNA anticodon loop of substrate tRNAs
	This protein is a member of the S-adenosylmethionine-binding protein family. It is a nucleolar protein and may be involved in the processing and modification of rRNA. Three alternatively spliced transcript variants encoding different isoforms have been described for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	531990794
NCBI GeneID	24140
NCBI Accession #	NP_001269086.1
NCBI GenBank Nucleotide #	NM_001282157.1
UniProt Accession #	Q9UET6; O75670; B2RCJ0
Molecular Weight	35,867 Da
NCBI Official Full Name	putative tRNA (cytidine(32)/guanosine(34)-2'-O)-methyltransferase isoform c
NCBI Official Synonym Full Names	FtsJ RNA methyltransferase homolog 1 (E. coli)
NCBI Official Symbol	FTSJ1
NCBI Official Synonym Symbols	JM23; MRX9; SPB1; CDLIV; MRX44; TRMT7
NCBI Protein Information	putative tRNA (cytidine(32)/guanosine(34)-2'-O)-methyltransferase
UniProt Protein Name	Putative tRNA (cytidine(32)/guanosine(34)-2'-O)-methyltransferase
UniProt Gene Name	FTSJ1
UniProt Entry Name	TRM7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.