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Datasheet for ABIN1708664  
**anti-FTSJ1 antibody (AA 1-110) (Cy7)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | FTSJ1   |
| Binding Specificity: | AA 1-110  |
| Reactivity:          | Mouse, Rat  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This FTSJ1 antibody is conjugated to Cy7  |
| Application:         | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human FTSJ1 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Mouse, Rat  |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Pig,Horse,Rabbit                      |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | FTSJ1                                    |
| Alternative Name: | FTSJ1 ( <a href="#">FTSJ1 Products</a> ) |

## Target Details

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Background: Synonyms: CDLIV, FTSJ 1, FtsJ homolog 1 E. coli, FtsJ homolog 1, JM23, Mental retardation X linked 44, Mental retardation X linked 9, MRX44, MRX9, Putative ribosomal RNA methyltransferase 1, RRMJ1, SPB1, TRM7, RRMJ1\_HUMAN.

Background: FTSJ1 is a 329 amino acid nucleolar protein belonging to the RImE family and methyltransferase superfamily. Expressed in adult thalamus, hippocampus, amygdala, corpus callosum and caudate nucleus, as well as fetal kidney, lung, liver, brain and lung, FTSJ1 plays a role in rRNA modification and processing. FTSJ1 exists as multiple spliced isoforms which are encoded by a gene located on human chromosome Xp11.23. Notably, defects in the gene encoding FTSJ1 are the cause of mental retardation X-linked type 44 (MRX44) and nonsyndromic X-linked mental retardation (MRX9).

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months