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Datasheet for ABIN1404646 anti-TRMT1L antibody (Alexa Fluor 488)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | TRMT1L |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRMT1L antibody is conjugated to Alexa Fluor 488 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human C1orf25 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | TRMT1L |
| Alternative Name: | C1orf25 (TRMT1L Products) |
| Background: | <p>Synonyms: bG120K12.3, Chromosome 1 open reading frame 25, Hypothetical protein FLJ90512, MST070, MSTP070, N2 antibody N2 dimethylguanosine tRNA methyltransferase like, TRM1L_HUMAN, TRMT1-like protein, Trmt1l.</p> <p>Background: C1orf25, also known as TRM1L (TRMT1-like protein), MST070 or MSTP070, is a</p> |

Target Details

733 amino acid protein that belongs to the TRM1 family of proteins. Expressed in a wide variety of tissues, C1orf25 contains one C2H2-type zinc finger and shares sequence similarity with TRMT1, a tRNA methyltransferase that dimethylates guanine at position 26 of tRNAs. As is suggested by observations of C1orf25-deficient mice, C1orf25 is believed to play a role in exploratory behavior and motor coordination. The gene encoding C1orf25 localizes to chromosome 1 and, due to alternative splicing events, C1orf25 exists as at least two isoforms.

Gene ID: 81627

Application Details

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

Restrictions: For Research Use only

Handling

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