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Datasheet for ABIN6991009 **anti-METTL7B antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	METTL7B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METTL7B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	MettL7B antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human MettL7B. The immunogen is located within the last 50 amino acids of MettL7B.
Isotype:	IgG
Specificity:	This MettL7B antibody is predicted to not cross-react with MettL7A.
Purification:	MettL7B Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	METTL7B
Alternative Name:	MettL7B (METTL7B Products)

Target Details

Background: MettL7B Antibody: MettL7B belongs to the methyltransferase superfamily. It is a probable methyltransferase. Methyltransferase is a type of transferase enzyme which transfers a methyl group from a donor to an acceptor. Often methylation occurs on nucleic bases in DNA or amino acids in protein structures. DNA methylation is often utilized to silence and regulate genes without changing the original DNA sequence. DNA methylation may be necessary for normal growth from embryonic stages in mammals. When mutant embryonic stem cells lacking the murine DNA methyltransferase gene were introduced to a germline of mice they caused a recessive lethal phenotype. Methylation may also be linked to cancer development as methylation of tumor suppressor genes promotes tumorigenesis and metastasis.

Gene ID: 196410

NCBI Accession: [NP_689850](#)

UniProt: [Q6UX53](#)

Application Details

Application Notes: MettL7B antibody can be used for detection of MettL7B by Western blot at 2 - 4 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL.

Antibody validated: Western Blot in rat samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: MettL7B Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: MettL7B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.