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Datasheet for ABIN6991013
anti-METTL7A antibody (AA 130-180)

Overview

Quantity:	0.1 mg
Target:	METTL7A
Binding Specificity:	AA 130-180
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METTL7A antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	MettL7A antibody was raised against a 13 amino acid synthetic peptide near the center of human MettL7A. The immunogen is located within amino acids 130 - 180 of MettL7A.
Isotype:	IgG
Specificity:	At least two isoforms of MettL7A are known to exist. This antibody is predicted to not cross-react with MettL7B.
Purification:	MettL7A Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	METTL7A
Alternative Name:	MettL7A (METTL7A Products)

Target Details

Background: MettL7A Antibody: MettL7A 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: 25840

NCBI Accession: [NP_054752](#)

UniProt: [Q9H8H3](#)

Application Details

Application Notes: MettL7A antibody can be used for detection of MettL7A by Western blot at 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 2 µg/mL. For immunofluorescence start at 2 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: MettL7A 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: MettL7A 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.