MettL7A Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253974
Unit: 0.1 mg

Description:
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 tumorgenesis and metastasis. At least two isoforms of MettL7A are known to exist. This MettL7A antibody is predicted to not cross-react with MettL7B.

Isotype: Rabbit Ig
Applications: E, WB
Species Reactivity: H, M
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: MettL7A ; Methyltransferase-like protein 7A
Accession No.: NP_054752

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human MettL7A.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.