BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-MettL7A Antibody

**Catalog Number:** A14279

## About METTL7A

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.

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## Overview

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| Product Name | Anti-MettL7A Antibody |
| Reactive Species | Human, Mouse |
| Description | Boster Bio Anti-MettL7A Antibody (Catalog # A14279). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse. |
| Application | ELISA, WB |
| Clonality | Polyclonal |
| Formulation | MettL7A Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | MettL7A antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q9H8H3 |

## Technical Details

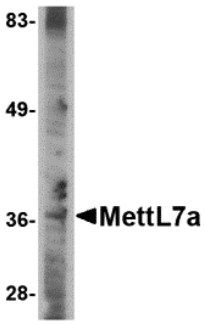
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| Immunogen | MettL7A antibody was raised against a 12 amino acid synthetic peptide near the carboxy terminus of human MettL7A. The immunogen is located within the last 50 amino acids of MettL7A. |
| Predicted Reactive Species | Bovine, Mouse, Rat |

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| Cross Reactivity | At least two isoforms of MettL7A are known to exist. This MettL7A antibody is predicted to not cross-react with MettL7B. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | MettL7A Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | MettL7A antibody can be used for detection of MettL7A by Western blot at 2 ug/mL.<br>Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

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# Anti-MettL7A Antibody (A14279) Images




Western blot analysis of MettL7A in A-20 cell lysate with MettL7A antibody at 2 ug/mL.

Anti-MettL7A Antibody

For Research Use Only. Not for use in diagnostic procedures.