

Rabbit anti-Human, Mouse MettL7A Polyclonal Antibody | anti-METTL7A antibody

MettL7A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39822	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

MettL7A; Polyclonal Antibody; MettL7A Antibody; AAM-B; Methyltransferase-like protein 7A; Protein AAM-B; methyltransferase like 7A; anti-METTL7A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of MettL7A are known to exist. This antibody is predicted to not cross-react with MettL7B.
Purity/Purification	MettL7A Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	244
Applicable Applications for anti-METTL7A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	MettL7A antibody was raised against a 13 amino acid synthetic peptide near the center of human MettL7A.
Buffer	MettL7A Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of MettL7a in MCF7 cells with MettL7a antibody at 2 &#956;g/mL.



WB (Western Blot)

Western blot analysis of MettL7A in MCF cell lysate with MettL7A antibody at 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-METTL7A antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89145417
NCBI GeneID	25840
NCBI Accession #	NP_054752
NCBI GenBank Nucleotide #	NM_014033.3
UniProt Accession #	Q9H8H3; Q9H7R3; Q9UHZ7; Q9Y422
Molecular Weight	28,319 Da
NCBI Official Full Name	methyltransferase-like protein 7A
NCBI Official Synonym Full Names	methyltransferase like 7A
NCBI Official Symbol	METTL7A
NCBI Official Synonym Symbols	AAM-B
NCBI Protein Information	methyltransferase-like protein 7A; protein AAM-B
UniProt Protein Name	Methyltransferase-like protein 7A
UniProt Gene Name	METTL7A
UniProt Entry Name	MET7A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.