

Rabbit anti-Human METTL14 Polyclonal Antibody | anti-METTL14 antibody

METTL14 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60360	Rabbit	Human	Western Blot, Immunoprecipitation

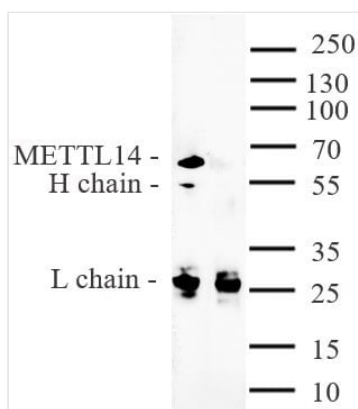
PRODUCT SYNONYMS

METTL14; Polyclonal Antibody; METTL14 antibody (pAb); Methyltransferase Like 14; EC 2.1.1.62; N6-methyltransferase; anti-METTL14 antibody

PRODUCT SPECIFICATIONS

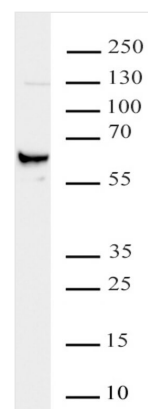
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-METTL14 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	This antibody was raised against a human peptide containing methyltransferase 14.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.

IMAGES



WB (Western Blot)

METTL14 antibody (pAb) tested by Immunoprecipitation 500 ul of HeLa cell nuclear extract was immunoprecipitated with 4 ul of METTL14 antibody (Lane 1) or Rabbit IgG (Lane 2). The immunoprecipitated protein was detected by western blot using METTL14 antibody at 0.5 ug/ml. On the gel, antibody heavy chains (50kDa) and light chains (25kDa) are visible.



WB (Western Blot)

METTL14 antibody (pAb) tested by Western blot. Nuclear extract of HepG2 (20 ug/lane) was probed with METTL14 antibody (pAb) at a dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-METTL14 antibody	METTL14 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples. N6-methylated adenine (m6A) is prevalently present in nearly all RNA types and can be found in all organisms from bacteria to humans. It preferentially appears around stop codons and within long internal exons in mammalian messenger RNAs. m6A plays an important role in the efficiency of mRNA splicing, processing, translation efficiency, editing and mRNA stability. m6A also takes place in other RNA molecules, such as primary miRNA (pri-miRNAs). METTL14 (methyltransferase-like 14)forms a stable N6-methyltransferase heterodimer complex with METTL3, which catalyzes the generation of m6A modification on mammalian nuclear RNAs. METTL3 is the catalytically active subunit, while METTL14 plays a structural role critical for substrate recognition.
Product Categories/Family for anti-METTL14 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308265
NCBI GeneID	57721
NCBI Accession #	NP_066012.1
NCBI GenBank Nucleotide #	NM_020961.3
UniProt Accession #	Q9HCE5; Q969V2; A6NIG1
Molecular Weight	52,150 Da
NCBI Official Full Name	N6-adenosine-methyltransferase non-catalytic subunit
NCBI Official Synonym Full Names	methyltransferase like 14
NCBI Official Symbol	METTL14
NCBI Official Synonym Symbols	hMETTL14
NCBI Protein Information	N6-adenosine-methyltransferase non-catalytic subunit; N6-adenosine-methyltransferase subunit METTL14
UniProt Protein Name	N6-adenosine-methyltransferase non-catalytic subunit
UniProt Gene Name	METTL14
UniProt Synonym Gene Names	hMETTL14

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mettl14-antibody-western-blot-immunoprecipitation-elisa/60360>