

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

METTL14 Antibody

CATALOG # AAA233095	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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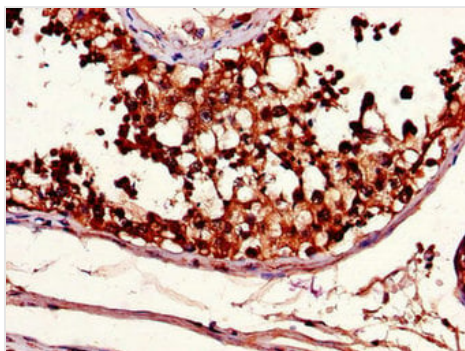
PRODUCT SYNONYMS

METTL14; Polyclonal Antibody; METTL14 Antibody; N6-adenosine-methyltransferase subunit METTL14; Methyltransferase-like protein 14; KIAA1627; anti-METTL14 antibody

PRODUCT SPECIFICATIONS

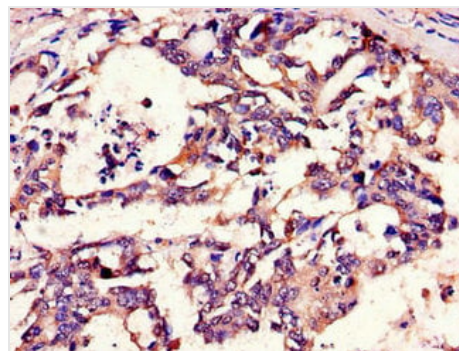
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	456
Applicable Applications for anti-METTL14 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human N6-adenosine-methyltransferase subunit METTL14 protein (24-206AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



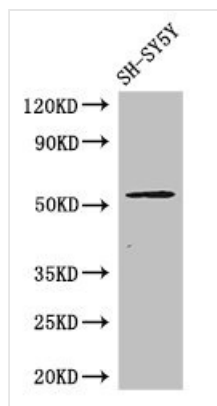
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA233095 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA233095 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: SH-SY5Y whole cell lysate
 All lanes: METTL14 antibody at 3 µg/ml
 Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 53 kDa
 Observed band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-METTL14 antibody

N6-methyltransferase that methylates adenosine residues of some mRNAs and acts as a regulator of the circadian clock and differentiation of embryonic stem cells. N6-methyladenosine (m6A), which takes place at the 5'-[AG]GAC-3' consensus sites of some mRNAs, plays a role in the efficiency of mRNA splicing, processing and mRNA stability (PubMed: 24316715, PubMed: 24407421, PubMed: 25719671). M6A regulates the length of the circadian clock: acts as a early pace-setter in the circadian loop. M6A also acts as a regulator of mRNA stability: in embryonic stem cells (ESCs), m6A methylation of mRNAs encoding key naive pluripotency-promoting transcripts results in transcript destabilization (By similarity).

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 subunit METTL14
NCBI Official Synonym Full Names	methyltransferase like 14
NCBI Official Symbol	METTL14
NCBI Official Synonym Symbols	hMETTL14
NCBI Protein Information	N6-adenosine-methyltransferase subunit METTL14
UniProt Protein Name	N6-adenosine-methyltransferase subunit METTL14
UniProt Gene Name	METTL14
UniProt Synonym Gene Names	hMETTL14
UniProt Entry Name	MET14_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.