

METTL14 Antibody



PACO48154

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:2000-1:10000,
IHC:1:20-1:200

Protein Background:

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. 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.

Gene ID:

METTL14

Uniprot

Q9HCE5

Synonyms:

N6-adenosine-methyltransferase non-catalytic subunit (Methyltransferase-like protein 14) (hMETTL14), METTL14, KIAA1627

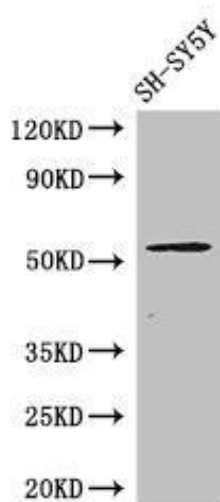
Immunogen:

Recombinant Human N6-adenosine-methyltransferase subunit METTL14 protein (24-206AA).

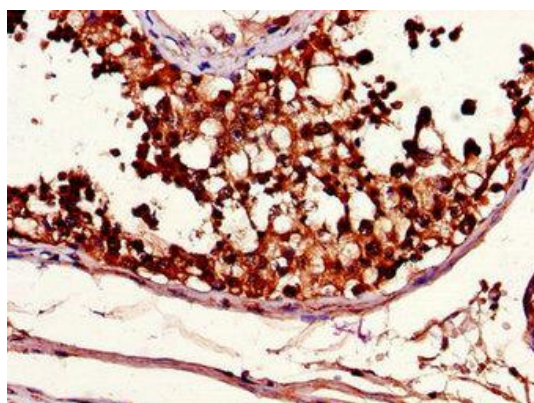
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

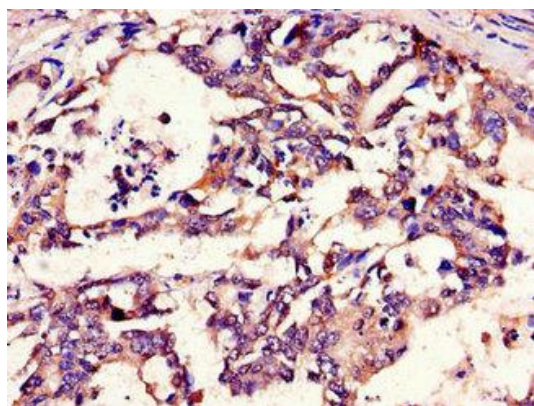
Product Images



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



Immunohistochemistry of paraffin-embedded human testis tissue using PACO48154 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human gastric cancer using PACO48154 at dilution of 1:100.