

A8530

Leader in Biomolecular Solutions for Life Science



METTL14 Rabbit pAb

Catalog No.: A8530

34 Publications

Basic Information

Observed MW

65kDa

Calculated MW

52kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables mRNA binding activity. Contributes to mRNA (2'-O-methyladenosine-N6-)-methyltransferase activity. Involved in mRNA metabolic process; negative regulation of hematopoietic progenitor cell differentiation; and positive regulation of translation. Located in nucleoplasm. Part of RNA N6-methyladenosine methyltransferase complex.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

57721

Swiss Prot

Q9HCE5

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human METTL14 (NP_066012.1).

Synonyms

hMETTL14; METTL14

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

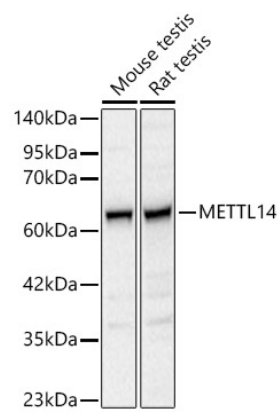
Affinity purification

Storage

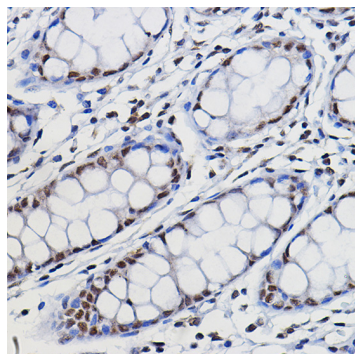
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

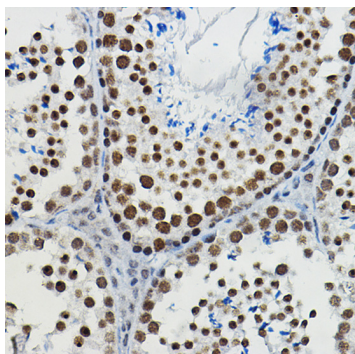
Validation Data



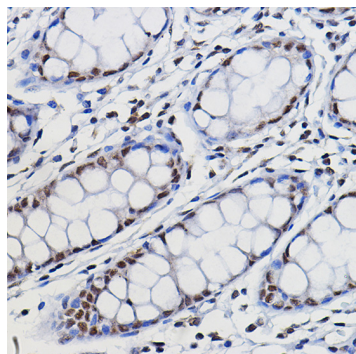
Western blot analysis of various lysates, using METTL14 Rabbit pAb (A8530) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.



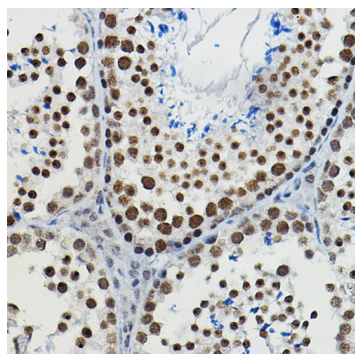
Immunohistochemistry analysis of METTL14 in paraffin-embedded human colon using METTL14 Rabbit pAb (A8530) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



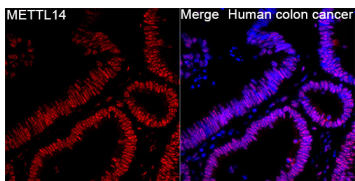
Immunohistochemistry analysis of METTL14 in paraffin-embedded mouse testis using METTL14 Rabbit pAb (A8530) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



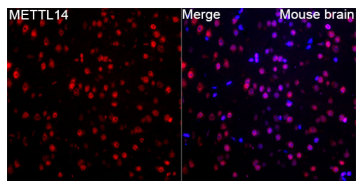
Immunohistochemistry analysis of METTL14 in paraffin-embedded human colon using METTL14 Rabbit pAb (A8530) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of METTL14 in paraffin-embedded mouse testis using METTL14 Rabbit pAb (A8530) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of Human colon cancer tissue using METTL14 Rabbit pAb (A8530) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(A5007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



Immunofluorescence analysis of Mouse brain tissue using METTL14 Rabbit pAb (A8530) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(A5007) at 1:500 dilution. Blue: DAPI for nuclear staining. Microwave antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.