

METTL16 Rabbit pAb

Catalog NO.: A15894 **5 Publications**

Basic Information

Observed MW

78 kDa

Calculated MW

64 kDa

Category

Polyclonal Antibodies

Applications

WB, IP, IF/ICC, IHC-P, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Background

Enables RNA binding activity and RNA methyltransferase activity. Involved in RNA modification and regulation of mRNA metabolic process. Located in cytoplasm and nucleus.

Recommended Dilutions

WB 1:1000 - 1:5000

IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

IF/ICC 1:50 - 1:200

IHC-P 1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID

79066

Swiss Prot

Q86W50

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

METT10D; METTL16

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

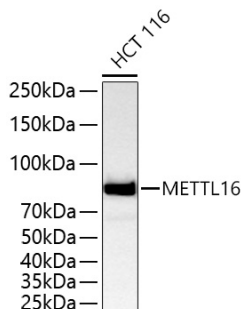
Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from HCT 116 cells using METTL16 Rabbit pAb (A15894) at 1:5000 dilution incubated overnight at 4°C.

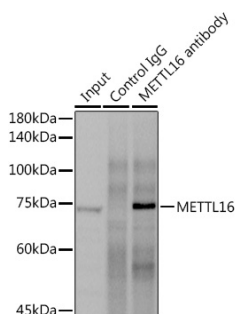
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

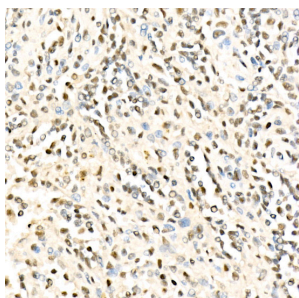
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

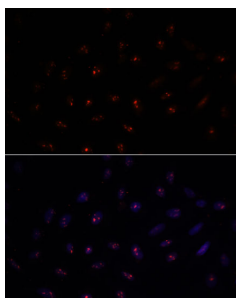
Exposure time: 45 s.



Immunoprecipitation analysis of 300 µg extracts of LNCaP cells using 3 µg METTL16 antibody (A15894). Western blot was performed from the immunoprecipitate using METTL16 (A15894) at a dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Human spleen using METTL16 Rabbit pAb (A15894) at dilution of 1:100 (40x lens). High pressure antigen



Immunofluorescence analysis of U-2 OS cells using METTL16 Rabbit pAb (A15894) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit

retrieval performed with 0.01M Citrate buffer (pH 6.0)
prior to IHC staining.

IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear
staining.