

# METTL3 Polyclonal Antibody

Catalog No: tcba11931



## Available Sizes

**Size:** 50ul

**Size:** 100ul

**Size:** 200ul



## Specifications

**Application:**

WB,IHC,IF,IP

**Research Area:**

,

**Species Reactivity:**

Human,Mouse,Rat

**Host Species:**

Rabbit

**Isotype:**

IgG

**Form:**

Liquid

**Storage Buffer:**

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Recommended Dilution:**

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

IP 1:20 - 1:50

#### Storage Instruction:

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

#### SwissProt:

Q86U44

#### Gene ID:

56339 (human);

#### Calculated Molecular Weight:

25kDa/64kDa

#### Purification:

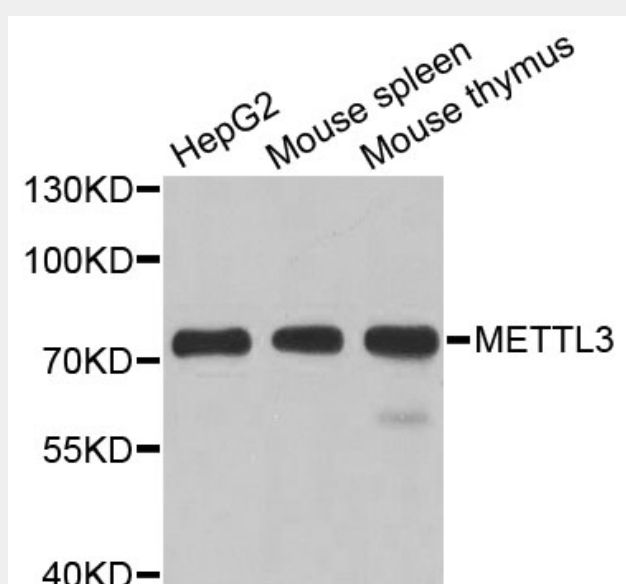
Affinity purification

#### Cellular Location:

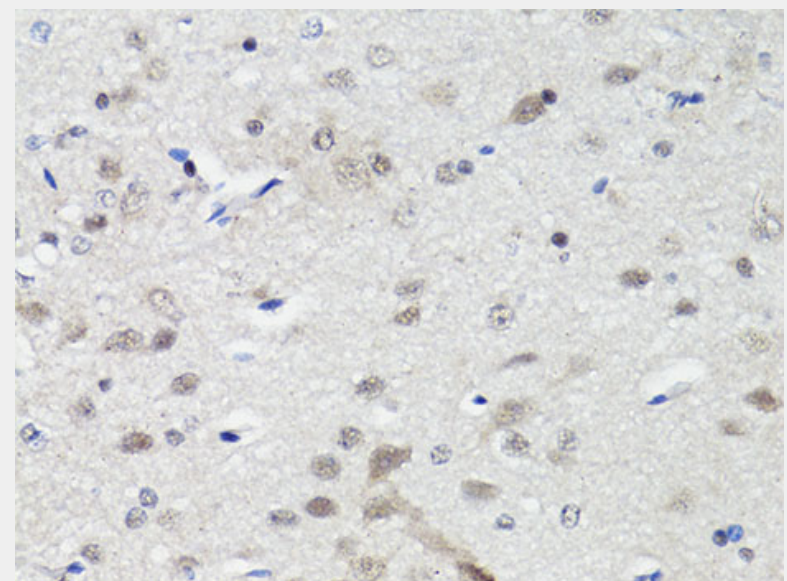
Nucleus speckle,

### Product Description

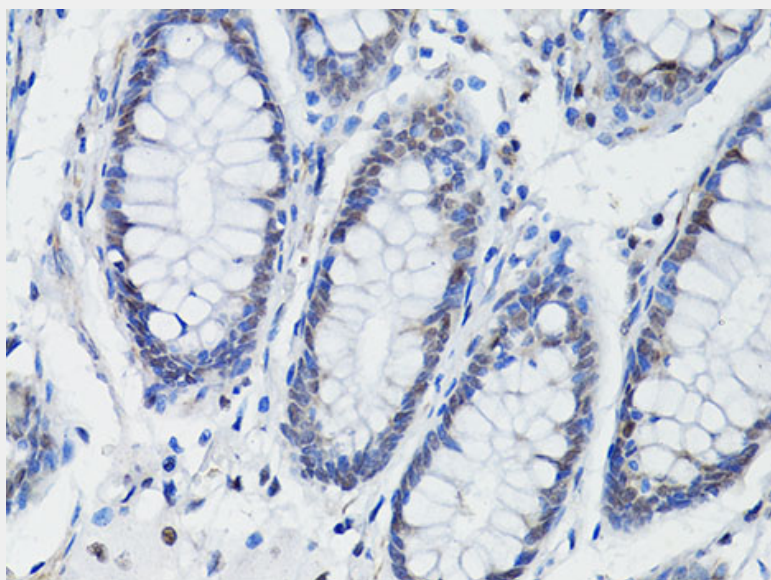
This gene encodes the 70 kDa subunit of MT-A which is part of N6-adenosine-methyltransferase. This enzyme is involved in the posttranscriptional methylation of internal adenosine residues in eukaryotic mRNAs, forming N6-methyladenosine.



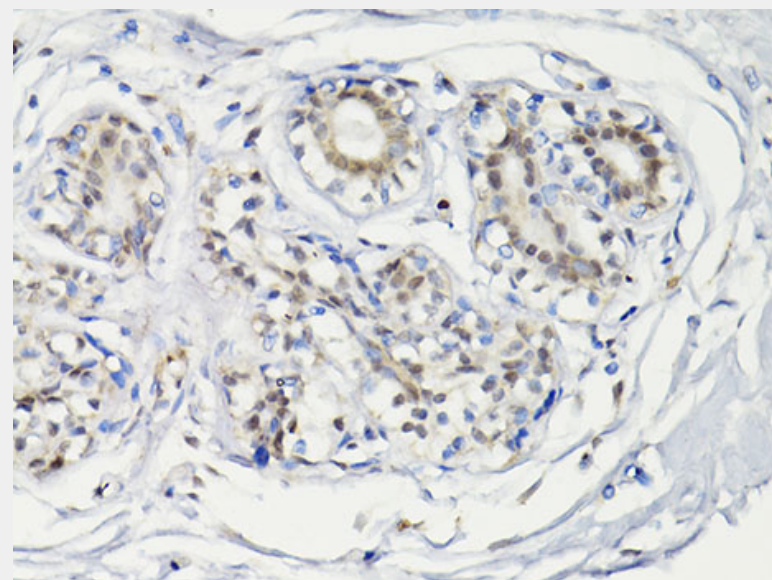
Western blot analysis of extracts of various cell lines, using METTL3 antibody at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit.  
Exposure time: 1s.



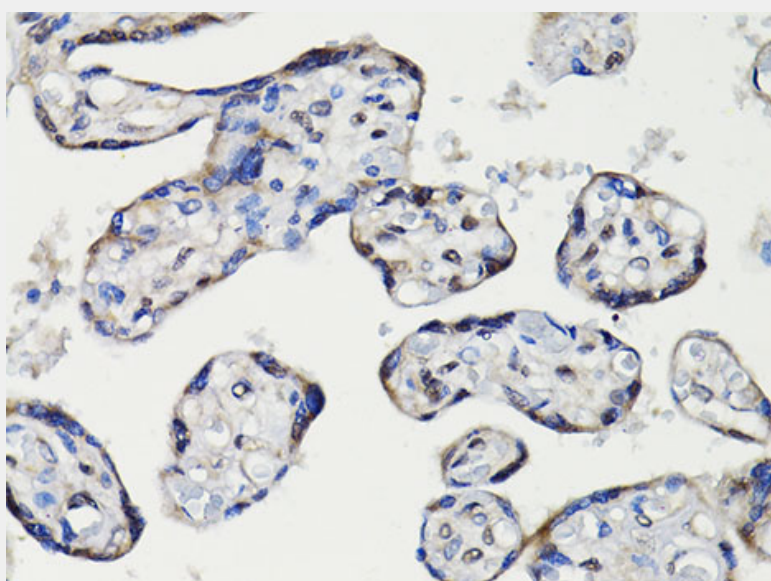
Immunohistochemistry of paraffin-embedded rat brain using METTL3 antibody at dilution of 1:100 (40x lens).



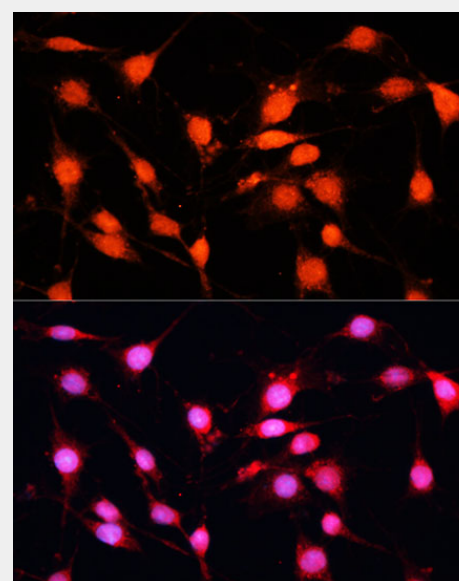
Immunohistochemistry of paraffin-embedded human colon using METTL3 antibody at dilution of 1:100 (40x lens).



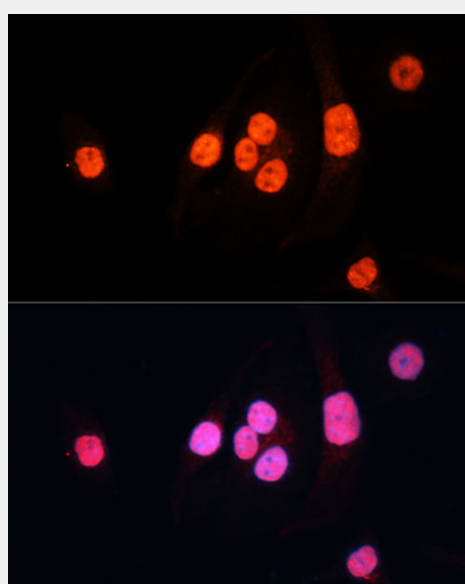
Immunohistochemistry of paraffin-embedded human breast using METTL3 antibody at dilution of 1:100 (40x lens).



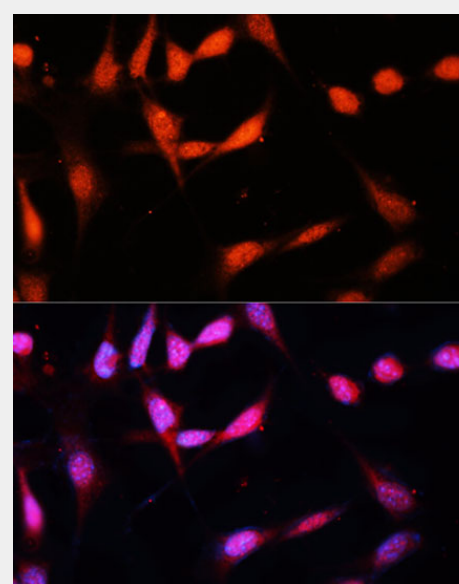
Immunohistochemistry of paraffin-embedded human placenta using METTL3 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of C6 cells using METTL3 antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

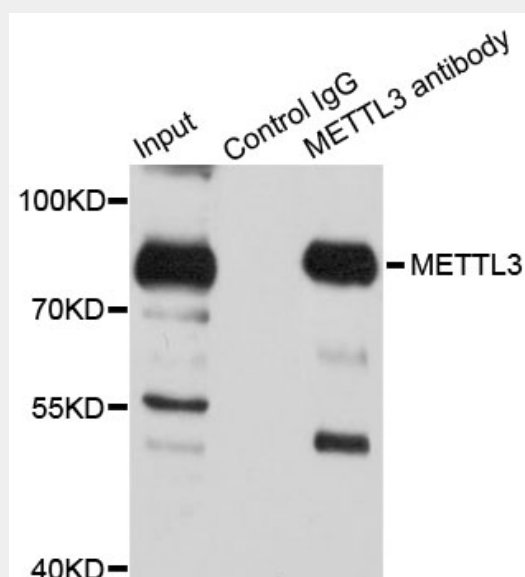


Immunofluorescence analysis of HeLa cells using METTL3 antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using METTL3 antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.





Immunoprecipitation analysis of 150ug extracts of 293T cells using 3ug METTL3 antibody. Western blot was performed from the immunoprecipitate using METTL3 antibody at a dilution of 1:1000.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!