

# METTL4 Rabbit pAb

Catalog No.: A25600

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

54kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables RNA methyltransferase activity and site-specific DNA-methyltransferase (adenine-specific) activity. Involved in nucleic acid metabolic process; regulation of RNA metabolic process; and regulation of mitochondrial DNA replication. Located in cytosol; mitochondrial matrix; and nucleus.

## Recommended Dilutions

IHC 1:50 - 1:200

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

64863

### Swiss Prot

Q8N3J2

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 280-472 of human METTL4 (NP\_073751.3).

### Synonyms

HsT661

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

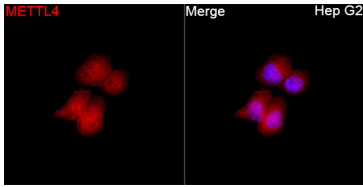
Affinity purification

### Storage

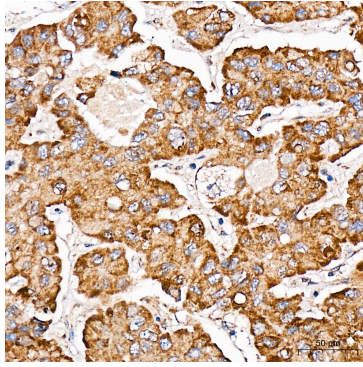
Store at -20°C. Avoid freeze / thaw cycles.

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

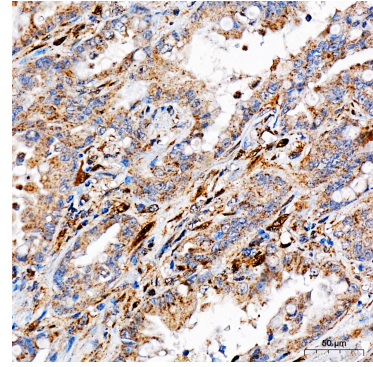
## Validation Data



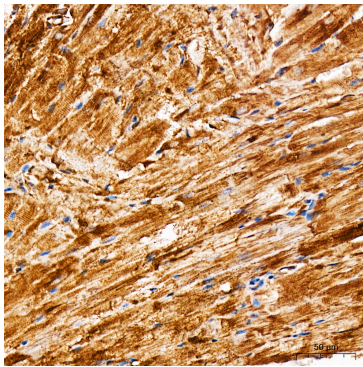
Immunofluorescence analysis of Hep G2 cells using METTL4 Rabbit pAb (A25600) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



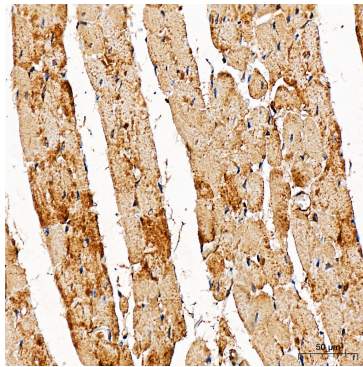
Immunohistochemistry analysis of METTL4 in paraffin-embedded Human liver cancer tissue using METTL4 Rabbit pAb (A25600) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of METTL4 in paraffin-embedded Human lung tissue using METTL4 Rabbit pAb (A25600) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of METTL4 in paraffin-embedded Mouse heart tissue using METTL4 Rabbit pAb (A25600) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of METTL4 in paraffin-embedded Rat heart tissue using METTL4 Rabbit pAb (A25600) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.