METTL3 Polyclonal Antibody

catalog number: **E-AB-63141**

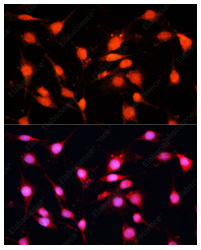
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

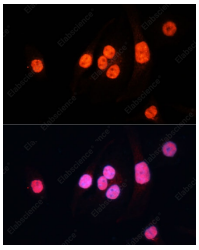
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human METTL3 (NP_062826.2).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

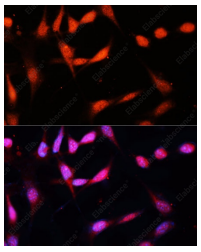
Data



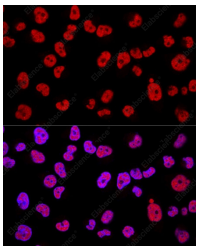
Immunofluorescence analysis of C6 cells using METTL3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



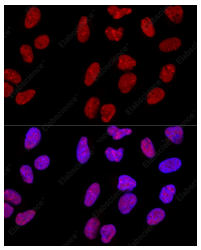
Immunofluorescence analysis of HeLa cells using METTL3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

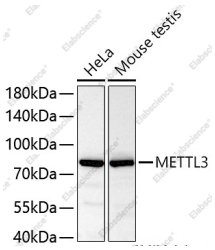


Immunofluorescence analysis of NIH/3T3 cells using METTL3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of Hela cells using METTL3 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.





Confocal immunofluorescence analysis of U-2 OS cells using METTL3 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.

Western blot analysis of various lysates using METTL3 Rabbit pAb (A8370SP) at 1:1000 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: 30 s.
Observed-MW:80 kDa
Calculated-MW:25 kDa/64 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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.

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