

METTL3 Polyclonal Antibody

Catalog No: #31528



Package Size: #31528-1 50ul #31528-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

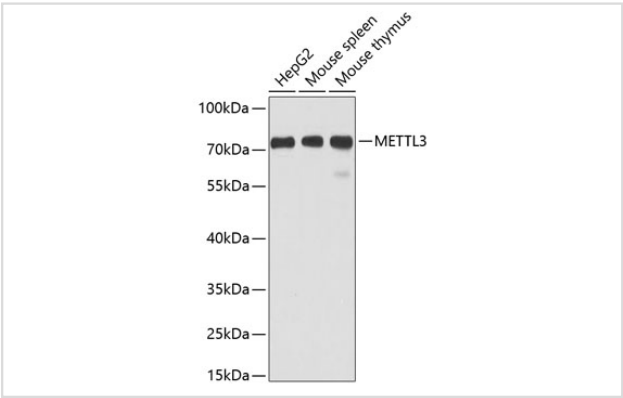
Description

Product Name	METTL3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human METTL3 (NP_062826.2).
Other Names	METTL3; IME4; M6A; MT-A70; Spo8; hMETTL3; methyltransferase like 3
Accession No.	Swiss-Prot#:Q86U44NCBI Gene ID:56339
Uniprot	Q86U44
GeneID	56339;
Calculated MW	80kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

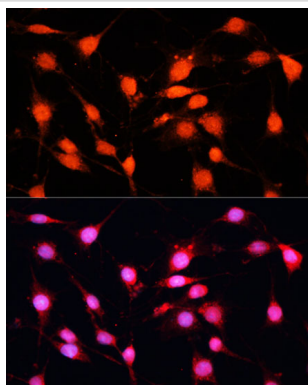
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200IP 1:20 - 1:50

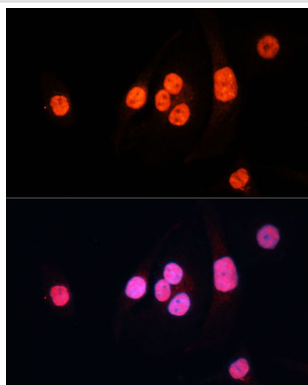
Images



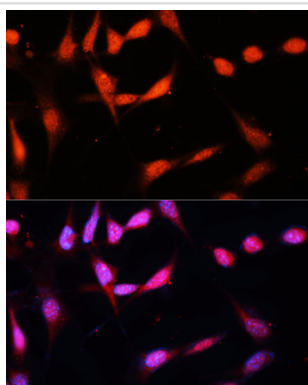
Western blot analysis of extracts of various cell lines, using METTL3 at 1:1000 dilution.



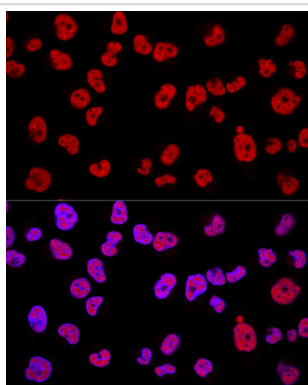
Immunofluorescence analysis of C6 cells using METTL3 at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



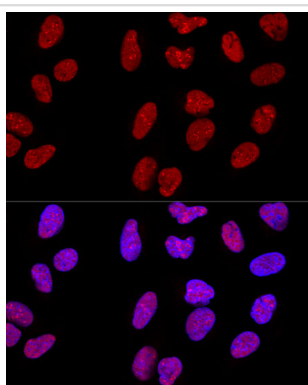
Immunofluorescence analysis of HeLa cells using METTL3 at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



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



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



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

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.

Note: This product is for in vitro research use only