Rabbit anti-Human METTL3 Monoclonal Antibody | anti-METTL3 antibody

METTL3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282672	**Rabbit**	**Human**	**ELISA, Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

METTL3; Monoclonal Antibody; METTL3 Rabbit mAb; M6A; IME4; Spo8; MT-A70; hMETTL3; anti-METTL3 antibody

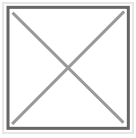
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SDTWSSIQAH KKQLDSLRER LQRRRKQDSG HLDLRNPEAA LSPTFRSDSP VPTAPTSGGP KPSTASAVPE LATDPELEKK LLHHLSDLAL TLPTDAVSIC LAISTPDAPA TQDGVESLLQ KFAAQELIEV KRGLLQDDAH PTLVTYADHS KLSAMMGAVA EKKGPGEVAG TVTGQKRRAE QDSTTVAAFA SSLVSGLNSS ASEPAKEPAK KSRKHAASDV DLEIESLLNQ QSTKEQQSKK VSQEILELL
Applicable Applications for anti-METTL3 antibody	ELISA, IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2-250 of human METTL3 (Q86U44).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IP (Immunoprecipitation)
Immunoprecipitation of METTL3 from 200 ug extracts of 293F cells was performed using 0.5 ug of METTL3 Rabbit mAb (AAA282672). Rabbit IgG isotype control(AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using METTL3 Rabbit mAb (AAA282672) at a dilution of 1:500.

ICC (Immunocytochemistry)
Confocal imaging of HeLa cells using METTL3 Rabbit mAb (AAA282672,dilution 1:100)(Red). The cells were counterstained with ?-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



WB (Western Blot)
Western blot analysis of lysates from HeLa cells, using METTL3 Rabbit mAb (AAA282672) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-METTL3 antibody	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.
Product Categories/Family for anti-METTL3 antibody	Epigenetics Nuclear Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361827
NCBI GeneID	56339
NCBI Accession #	NP_062826
NCBI GenBank Nucleotide #	NM_019852
UniProt Accession #	Q86U44; O14736; Q86V05; Q9HB32
Molecular Weight	Calculated MW: 64kDa Observed MW: 75kDa
UniProt Protein Name	N6-adenosine-methyltransferase 70 kDa subunit
UniProt Gene Name	**METTL3**
UniProt Synonym Gene Names	MTA70; MT-A70
UniProt Entry Name	MTA70_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/mettl3-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/282672