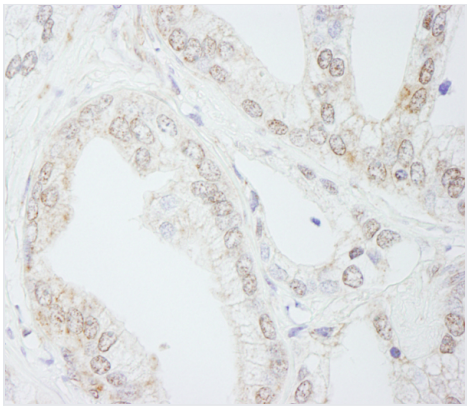
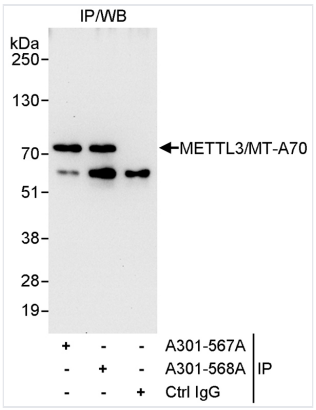
METTL3/MT-A70 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	METTL3/MT-A70, Polyclonal Antibody
Full Product Name	Rabbit anti-METTL3/MT-A70 Antibody, Affinity Purified
Product Gene Name	anti-METTL3/MT-A70 antibody
Product Synonym Gene Name	METTL3
Product Synonym Names	mRNA (2'-O-methyladenosine-N(6)-)-methyltransferase; MT-A70; N6-adenosine-methyltransferase 70 kDa subunit; Spo8; mRNA m(6)A methyltransferase; M6A; IME4; hMETTL3; adoMet-binding subunit of the human mRNA (N6-adenosine)-methyltransferase; N6-adenosine-methyltransferase catalytic subunit; methyltransferase-like protein 3; N6-adenosine-methyltransferase 70 kDa subunit; methyltransferase like 3
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	1000ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	25,479 Da
OMIM	612472
3D Structure	ModBase 3D Structure for Q86U44
Predicted Reactivity	Mouse
Immunogen	Between 530 and C-terminus
Conjugation	Unconjugated
Product Categories/Family for anti-METTL3/MT-A70 antibody	Primary Antibodies
Applications Tested/Suitable for anti-METTL3/MT-A70 antibody	Immunoprecipitation (IP), Immunohistochemistry (IHC)
Application Notes for anti-METTL3/MT-A70 antibody	IP: 6ug/mg lysate IHC: 1:500-1:2000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Related Product Information for anti-METTL3/MT-A70 antibody	METTL3/MT-A70 is a subunit of the N6-methyltransferase that specifically methylates adenines in pre-mRNAs.
Other Notes	Small volumes of anti-METTL3/MT-A70 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for METTL3/MT-A70 purchase	MBS3902048 is an antibody targeting METTL3/MT-A70. Also known as Rabbit anti-METTL3/MT-A70 Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-METTL3/MT-A70 antibody
Detection of human METTL3/MT-A70 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-METTL3/MT-A70 (Cat. No. MBS3902048 Lot1) used at a dilution of 1:1,000 (1 ug/ml). Detection: DAB



Immunoprecipitation (IP) of anti-METTL3/MT-A70 antibody
Detection of human METTL3/MT-A70 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-METTL3/MT-A70 antibody MBS3902048 used for IP at 3 ug/mg lysate. METTL3/MT-A70 was also immunoprecipitated by rabbit anti-METTL3/MT-A70 antibody MBS3902047, which recognizes an upstream epitope. For blotting immunoprecipitated METTL3/MT-A70, MBS3902047 was used at 0.1 ug/ml. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for METTL3/MT-A70. It may not necessarily be applicable to this product.

NCBI GI #	21361827
NCBI GeneID	56339
NCBI Accession #	NP_062826.2
UniProt Primary Accession #	Q86U44
UniProt Secondary Accession #	O14736; Q86V05; Q9HB32
UniProt Related Accession #	Q86U44
GenBank Nucleotide #	NM_019852.3
NCBI Official Full Name	N6-adenosine-methyltransferase 70 kDa subunit
NCBI Official Synonym Full Names	methyltransferase like 3
NCBI Official Symbol	METTL3
NCBI Official Synonym Symbols	M6A; IME4; Spo8; MT-A70
UniProt Protein Name	N6-adenosine-methyltransferase 70 kDa subunit
UniProt Synonym Protein Names	Methyltransferase-like protein 3
UniProt Gene Name	METTL3
UniProt Synonym Gene Names	MTA70; MT-A70
UniProt Entry Name	MTA70_HUMAN
NCBI Protein Information	N6-adenosine-methyltransferase 70 kDa subunit; mRNA m(6)A methyltransferase; methyltransferase-like protein 3; adoMet-binding subunit of the human mRNA (N6-adenosine)-methyltransferase
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