

METTL2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11952b

Specification

METTL2 Antibody (C-term) - Product Information

Application	IF, WB, IHC-P,E
Primary Accession	Q96IZ6
Other Accession	Q8BMK1 , Q0P5B2 , Q6P1Q9 , A8KBL7 , NP_859076.3
Reactivity	Human
Predicted	Zebrafish, Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43537
Antigen Region	329-359

METTL2 Antibody (C-term) - Additional Information

Gene ID 339175

Other Names

Methyltransferase-like protein 2A, 211-, METTL2A, METTL2

Target/Specificity

This METTL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-359 amino acids from the C-terminal region of human METTL2.

Dilution

IF~~1:10~50
WB~~1:1000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

METTL2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

METTL2 Antibody (C-term) - Protein Information

Name METTL2A {ECO:0000303|PubMed:28655767, ECO:0000312|HGNC:HGNC:25755}

Function S-adenosyl-L-methionine-dependent methyltransferase that mediates N(3)-methylcytidine modification of residue 32 of the tRNA anticodon loop of tRNA(Thr)(UGU) and tRNA(Arg)(CCU) (PubMed:[28655767](#), PubMed:[34268557](#)). N(3)-methylcytidine methylation by METTL2A requires the N6-threonylcarbamoylation of tRNA (t6A37) by the EKC/KEOPS complex as prerequisite (PubMed:[34268557](#)).

Cellular Location

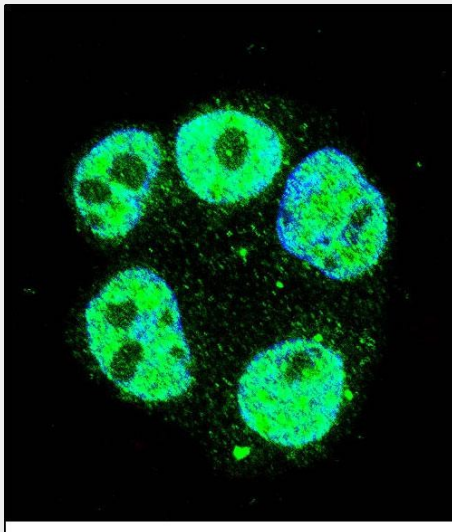
Cytoplasm.

METTL2 Antibody (C-term) - Protocols

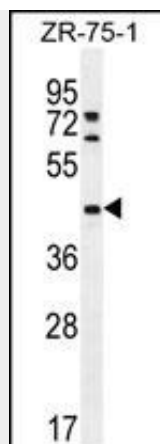
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

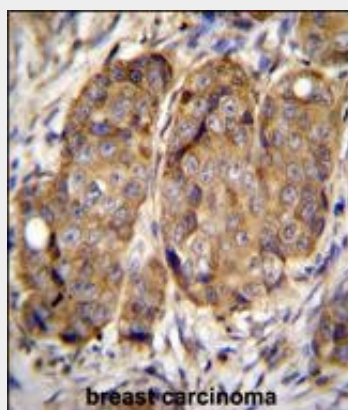
METTL2 Antibody (C-term) - Images



Confocal immunofluorescent analysis of METTL2 Antibody (C-term)(Cat#AP11952b) with ZR-75-1 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



METTL2 Antibody (C-term) (Cat. #AP11952b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the METTL2 antibody detected the METTL2 protein (arrow).



METTL2 Antibody (C-term) (Cat. #AP11952b) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of METTL2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

METTL2 Antibody (C-term) - Background

METTL2A is probable methyltransferase (By similarity).

METTL2 Antibody (C-term) - References

Zody, M.C., et al. Nature 440(7087):1045-1049(2006)