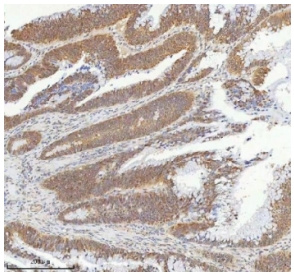
METTL18 Antibody / Methyltransferase-like protein 18 / AsTP2 (RQ8695)

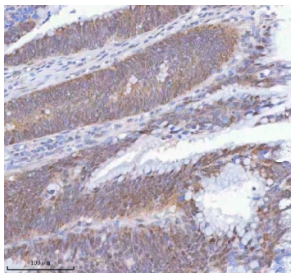
Catalog No.	Formulation	Size
RQ8695	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

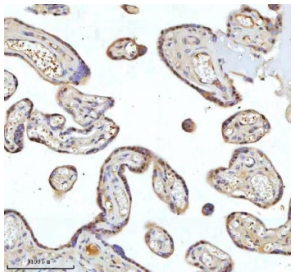
Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O95568
Localization	Cytoplasm, Nucleus
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This METTL18 antibody is available for research use only.



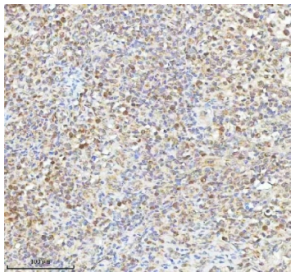
IHC staining of FFPE human colon adenocarcinoma tissue with METTL18 antibody.
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



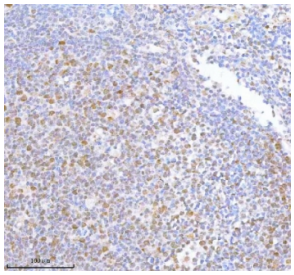
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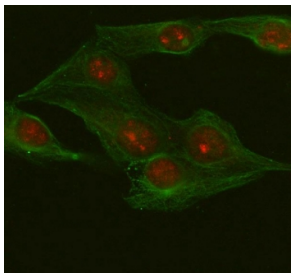
IHC staining of FFPE human placental tissue with METTL18 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



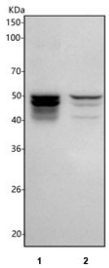
IHC staining of FFPE diffuse large B-cell lymphoma of human intestine tissue with METTL18 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



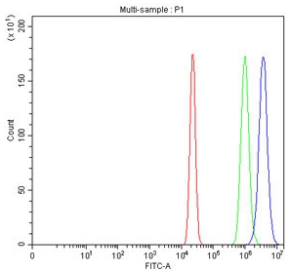
IHC staining of FFPE human tonsil tissue with METTL18 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human U-2OS cells with METTL18 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) A431 and 2) PC-3 cell lysate with METTL18 antibody. Predicted molecular weight ~42 kDa.



Flow cytometry testing of fixed and permeabilized human A431 cells with METTL18 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= METTL18 antibody.

Description

METTL18 belongs to a family of protein lysine methyltransferases that methylate nonhistone proteins. Methyltransferases catalyze the transfer of a methyl group from a donor, generally S-adenosyl-L-methionine, to acceptor molecules, including proteins, DNA, RNA, lipids, and small metabolites. METTL18 is involved in peptidyl-lysine monomethylation.

Application Notes

Optimal dilution of the METTL18 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids R21-Q338) was used as the immunogen for the METTL18 antibody.

Storage

After reconstitution, the METTL18 Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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