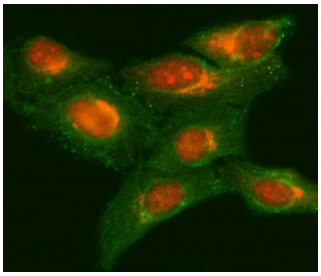
NRMT Antibody | METTL11A | NTMT1 (RQ8396)

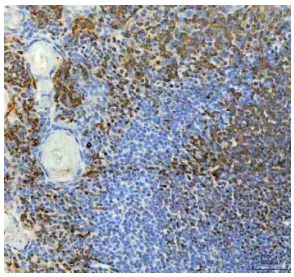
Catalog No.	Formulation	Size
RQ8396	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

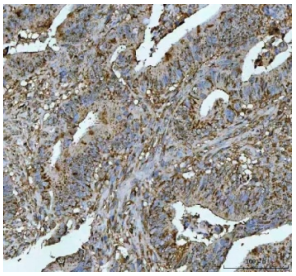
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9BV86
Localization	Nuclear, cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This NRMT antibody is available for research use only.



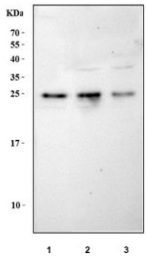
Immunofluorescent staining of FFPE human HeLa cells with NRMT antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



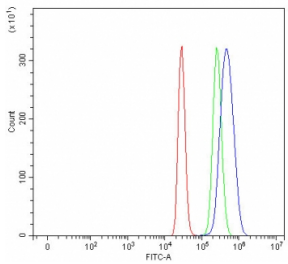
IHC staining of FFPE human tonsil tissue with NRMT antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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



Western blot testing of human 1) 293T, 2) HeLa and 3) A549 cell lysate with NRMT antibody. Predicted molecular weight ~25 kDa.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with NRMT antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NRMT antibody.

Description

The NTMT1 gene encodes an N-terminal methyltransferase (N-terminal RCC1 methyltransferase, NRMT1, METTL11A) for the RAN guanine nucleotide exchange factor regulator of chromosome condensation 1 (RCC1). The enzyme alpha-N-methylates other protein targets such as SET (MIM 600960) and RB (MIM 180200).

Application Notes

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

Immunogen

An E.coli-derived human recombinant protein (K21-R223) was used as the immunogen for the NRMT antibody.

Storage

After reconstitution, the NRMT 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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