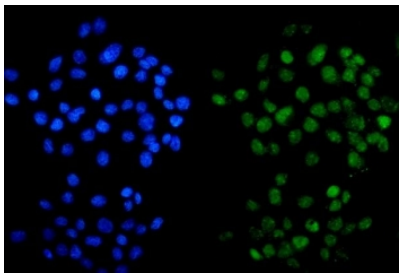
METTL14 Antibody (RQ6199)

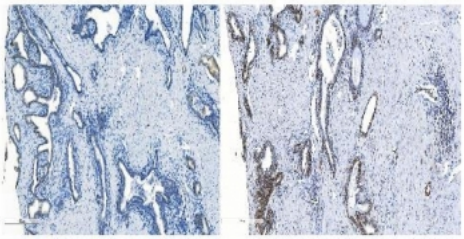
Catalog No.	Formulation	Size
RQ6199	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

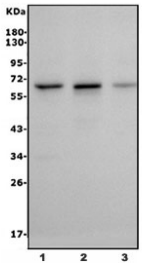
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	Q9HCE5
Localization	Nuclear
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This METTL14 antibody is available for research use only.



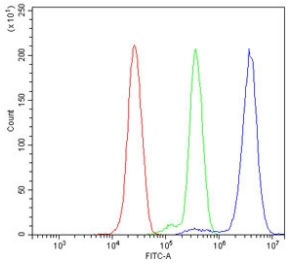
Immunofluorescent staining of FFPE human A431 cells with METTL14 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE human breast cancer negative control (left) and with METTL14 antibody (right). HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) A549, 2) Raji and 3) A431 cell lysate with METTL14 antibody. Expected molecular weight: 52-65 kDa.



Flow cytometry testing of human ThP-1 cells with METTL14 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= METTL14 antibody.

Description

Methyltransferase like 14 is a protein that in humans is encoded by the METTL14 gene. METTL14 is part of a methyltransferase complex required for the common N6-methyladenosine (m6A) base modification that is enriched near stop codons and in long exons of mRNAs.

Application Notes

Optimal dilution of the METTL14 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids Q12-D350) was used as the immunogen for the METTL14 antibody.

Storage

After reconstitution, the METTL14 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com