

N6-methyladenosine/m6A Antibody

CAB17924

Description

This N6-methyladenosine/m6A Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB17924
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	N6-methyladenosine, m6A, N6-methyladenosine / m6A
Clone:	-
Applications:	IF/ICC ELISA Nucleotide Array DB meRIP
Conjugation:	-
Reactivity:	Species independent

Antibody Data

Gene ID:	-
Uniprot:	AB_2770239
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	-
Calculated MW:	-

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

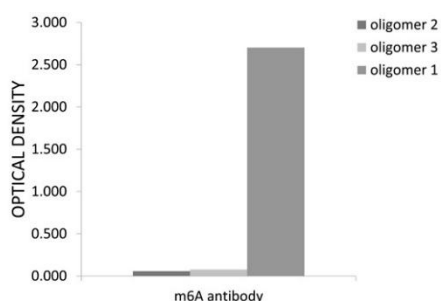
Positive Sample: Arabidopsis

Recommended Dilutions:

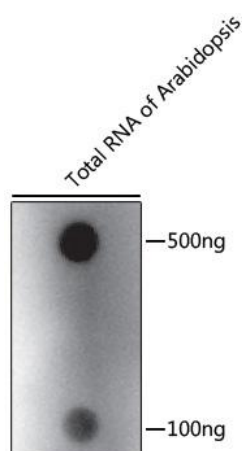
DB	1:500 - 1:2000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. meRIP 1:50 - 1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

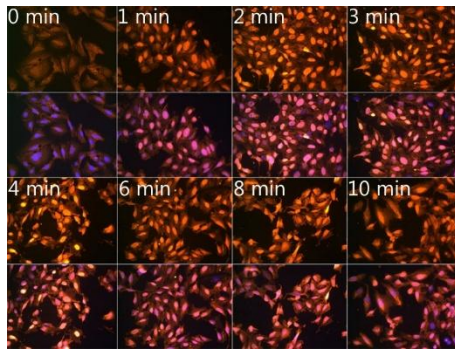
Validation Data



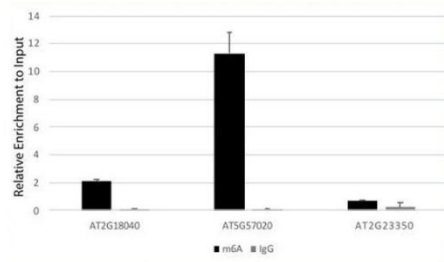
The m6A rabbit polyclonal antibody (4µg, CAB17924) are tested in Nucleotide Array against - methyladenosine (m6A) and unmodified adenosine (100pmol for each oligomer). Oligomer 1 - - methyladenosine (m6A-CUGGUAACGAAUGGCU-G-Biotin) Oligomer 2 - unmodified adenosine (ACUGGUAACGAAUGGCU-G-Biotin) Oligomer 3 - unmodified adenosine (AAAAAAAAAAAAAAAAAAAA-Biotin)



The m6A rabbit polyclonal antibody (500ng/100ng, CAB17924) are tested in Dot Blot against total RNA of Arabidopsis. (This image is courtesy of an anonymous Abreview)



U2OS cells pre-treated with BrdU were subjected UVC irradiation incubated at 37 °C for the indicated time, and stained for m6A Polyclonal Antibody (CAB17924). DAPI, 4',6-diamidino-2-phenylindole. Global UVC irradiation exceed cytoplasmic leavel,peaking at 2 min after irradiation and diminishing over the following 8 min.



Immunoprecipitation analysis of 25µg total RNA extracts of Arabidopsis (25µg total RNA extracts of Arabidopsis was diluted to 200 µl IP buffer system) using 2ul m6A antibody (CAB17924).