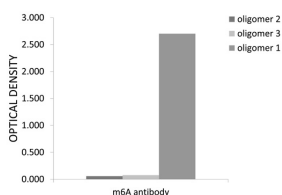


Anti-N6-Methyladenosine Antibody (A91811)

Specifications:

Name:	Anti-N6-Methyladenosine Antibody
Description:	Rabbit polyclonal antibody to N6-Methyladenosine.
Applications:	ICC/IF, IP, RIP, Nucleotide Array, Dot Blot
Recommended Dilutions:	DB: 1:500-1:2,000, ICC/IF: 1:50-1:200, meRIP: 1:50-1:200
Reactivity:	Species Independent
Immunogen:	Chemical compounds corresponding to N6-methyladenosine / m6A.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.05% Proclin 300.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

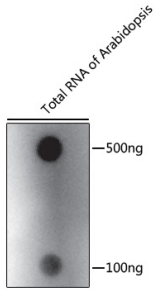
Images:



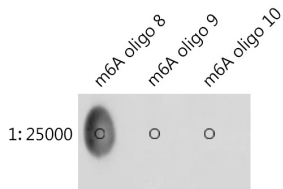
The Anti-N6-Methyladenosine Antibody (A91811), (4µg) was tested in a Nucleotide Array against N6-methyladenosine (m6A) and unmodified adenosine (100pmol for each oligomer). Oligomer 1 - N6-methyladenosine (m6A-CUGGUAACGAAUGGCU-G-Biotin), Oligomer 2 - unmodified adenosine (ACUGGUAACGAAUGGCU-G-Biotin), Oligomer 3 - unmodified adenosine (AAAAAAAAAAAAAAAAAAAAA-Biotin)

Anti-N6-Methyladenosine Antibody (A91811)

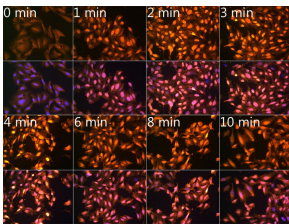
Images continued:



Anti-N6-Methyladenosine Antibody (A91811) was tested in dot blot at 500ng / 100ng against total RNA of Arabidopsis.



Anti-N6-Methyladenosine Antibody (A91811) was tested in dot blot against N6-methyladenosine (m6A) and unmodified adenosine. Oligomer 8: ATAACTGG-m6A-CCGAATGG Oligomer 9: ATAACTGGACCGAATGG Oligomer 10: AAAAAAAAAAAAAAAAAA-biotin.



Immunofluorescence analysis of U2OS cells using Anti-N6-Methyladenosine Antibody (A91811). U2OS cells pre-treated with BrdU were subjected UVC irradiation incubated at 37 °C for the indicated time. DAPI, 4', 6-diamidino-2-phenylindole. Global UVC irradiation exceed cytoplasmic level, peaking at 2 min after irradiation and diminishing over the following 8 min.