

Rabbit N6-methyladenosine/m6A Monoclonal Antibody | anti-m6A antibody

N6-methyladenosine/m6A Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283110	Rabbit	Species independent	ELISA, Immunocytochemistry, Immunofluorescence, Dot Blot

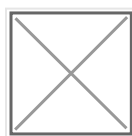
PRODUCT SYNONYMS

N6-methyladenosine/m6A; Monoclonal Antibody; N6-methyladenosine/m6A Rabbit mAb; N6-methyladenosine; m6A; anti-m6A antibody

PRODUCT SPECIFICATIONS

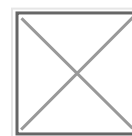
Host	Rabbit
Reactivity	Species independent
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-m6A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), DB (Dot Blot)
Immunogen	Chemical compounds corresponding to N6-methyladenosine/m6A.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



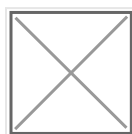
Application Data

U2OS cells pre-treated with BrdU were subjected UVC irradiation incubated at 37 °C for the indicated time,immunofluorescence analysis was performed by N6-methyladenosine / m6A Rabbit mAb (AAA283110),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.



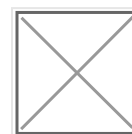
DB (Dot Blot)

Dot-blot analysis of all sorts of peptides using N6-methyladenosine / m6A antibody (AAA283110) at dilution.



Application Data

The N6-methyladenosine / m6A Rabbit mAb (AAA283110) are tested in Dot Blot against N6-methyladenosine (m6A) and unmodified adenosine.Oligomer 8 - ATAAGTGG-m6A-CCGAATGGOligomer 9 - ATAAGTGGACCGAATGGOligomer 10 - AAAAAAAAAAAAAA-biotin.



Application Data

The N6-methyladenosine / m6A Rabbit mAb (4ug,A19841) are tested in Nucleotide Array against N6-methyladenosine (m6A) and unmodified adenosine (100pmol for each oligomer).Oligomer 4 - N6-methyladenosine (m6A-UAACUGGACCGAAUGG-Biotin)Oligomer 5 - N6-methyladenosine (AUAACUGG-m6A-CCGAAGG-Biotin)Oligomer 6 - unmodified adenosine (AUAACUGGACCGAAUGG-Biotin)

ADDITIONAL INFORMATION

Related Product Information for anti-m6A antibody	Discovered in the 1970s, m6A is the most prevalent internal modification in polyadenylated mRNAs and long non-coding RNAs (lncRNAs) in higher eukaryotes. m6A is widely conserved among eukaryotic species that range from yeast, plants, flies to mammals, as well as among viral RNAs with a nuclear phase. The m6A-based modification is associated with a well-defined RNA motif, RRACH (R: A/G, H: A/C/U). As a representative of the epitranscriptome, m6A mRNA modifications participate in many vital activities in the cell, including stem cell self-renewal and differentiation, mRNA transcription, alternative splicing, nuclear export, translation, degradation, and microRNA processing. These processes determine the expression or inactivation of specific genes, which is vital for growth and development.(PMID: 30416848; PMID: 24662220; PMID: 30429466)
Product Categories/Family for anti-m6A antibody	Metabolism Types of disease; ObesityEpigenetics and Nuclear Signaling; RNA RNA/Nucleotides; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	CAS:1867-73-8
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/n6-methyladenosine-m6a-antibody-immunocytochemistry-immunofluorescence-dot-blot-elisa/283110>