

Rabbit N6-Methyladenosine Polyclonal Antibody | anti-N6 antibody

N6-Methyladenosine (m6A) antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60036	Rabbit	Not Species Specific	Dot Blot

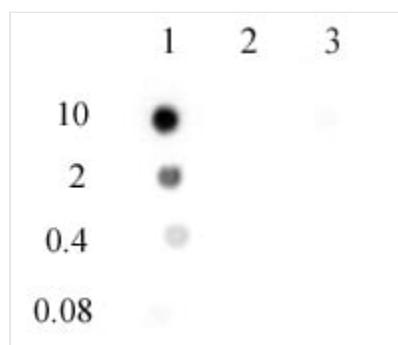
PRODUCT SYNONYMS

N6-Methyladenosine; Polyclonal Antibody; N6-Methyladenosine (m6A) antibody (pAb); anti-N6 antibody

PRODUCT SPECIFICATIONS

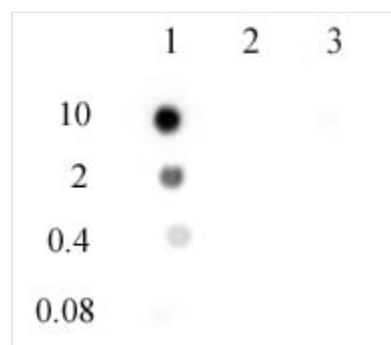
Host	Rabbit
Reactivity	Not Species Specific
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A Chromatography
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-N6 antibody	DB (Dot Blot)
Conjugation	Methylated
Immunogen	This antibody was raised against 6-Methyladenosine conjugated to KLH.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



DB (Dot Blot)

N6-Methyladenosine (m6A) antibody (pAb) tested by DNA dot blot analysis. Single-stranded DNA oligonucleotides (amount of oligo in pmoles listed on the left side of the blot) were spotted on to a positively charged nylon membrane and blotted with N-6-methyladenosine antibody (1 ug/ml dilution). Lane 1: DNA containing a single 6-methyladenosine. Lane 2: DNA containing unmethylated adenosine. Lane 3: DNA containing a single 1-methyladenosine.



DB (Dot Blot)

N6-Methyladenosine (m6A) antibody (pAb) tested by RNA dot blot analysis. 3.3ng of a 22 nt RNA containing four repeats of the GAC consensus for N6-methyladenosine within its sequence was spotted onto a membrane and probed with N6-Methyladenosine antibody (1 ug/ml). The sequence contained various adenosine modifications at all four positions as indicated. Lane 1: Adenosine. Lane 2: N6-methyladenosine. Lane 3: 1-methyladenosine. Lane 4: 2'-O-methyladenosine. Lane 5: inosine

ADDITIONAL INFORMATION

Related Product Information for anti-N6 antibody	Short Description: Our N6-Methyladenosine (m6A) antibody (pAb) was raised in a Rabbit host. It has been validated for use in Dot blot; the sequence is not species specific so it should react with a wide range of sample types. Background: N6-Methyladenosine (m6A)) is an RNA modification on the N-6 position of adenosine. This modification has been found to be abundant in the 3' UTR and stop codons of mammalian mRNA. m6A is associated with miRNA binding sites suggesting a potential role in epigenetic gene regulation. FTO and ALKBH are demethylases for 6-methyladenosine while a multiprotein complex that includes METTL3 functions as the methyltransferase. Recent findings revealed that m6A is also present on metazoan DNA, suggesting a genuine epigenetic role for this modification in the context of DNA as well.
Product Categories/Family for anti-N6 antibody	Primary Antibodies

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/polyclonal/n6-methyladenosine-antibody-dot-blot-elisa/60036>