N6-methyladenosine(m6A) Rabbit mAb

Catalog No: #62258

Package Size: #62258-1 100ug

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

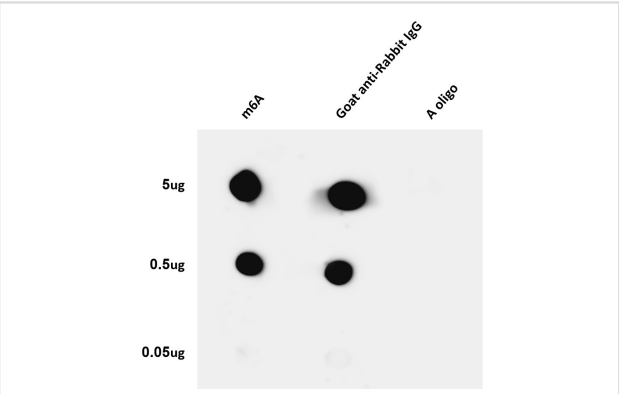
Description

Product Name	N6-methyladenosine(m6A) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4572
Isotype	IgG
Purification	Protein A
Applications	IP,Dot blot
Species Reactivity	Species independent
Specificity	Endogenous
Other Names	m6A antibody N6-methyladenosine antibody
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

DB 1:500-1:2000

Images



The membrane was blotted with N6-methyladenosine(m6A) Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: N6-methyladenosine Lane 2: Goat anti-Rabbit IgG Lane 3: A oligo

Background

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)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.