

A18806

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N4-acetylcytidine/ ac4C Rabbit pAb

Catalog No.: A18806 **2 Publications**

Basic Information

Observed MW

Calculated MW

Category

Small Molecule-specific Antibody

Applications

ELISA,DB

Cross-Reactivity

Species independent

Background

Here we describe a chemical method for nucleotide resolution sequencing of N4-acetylcytidine (ac4C), a highly conserved modified nucleobase whose formation is catalyzed by the essential cytidine acetyltransferase enzyme NAT10. This approach enables the sensitive, PCR-amplifiable detection of individual ac4C sites from nanograms of unfractionated cellular RNA. The sensitive and quantitative nature of this assay provides a powerful tool to understand how cytidine acetylation is targeted, profile RNA acetyltransferase dynamics, and validate the sites and stoichiometry of ac4C in novel RNA species

Recommended Dilutions

DB 1:500 - 1:2000

Immunogen Information

Gene ID Swiss Prot

Immunogen

ac4C

Synonyms

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

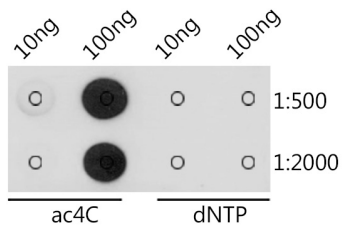
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Dot-blot analysis of ac4c and deoxynucleotide using N4-acetylcytidine/ac4C antibody (A18806) at 1:500 and 1:2000 dilution.