

[KD Validated] NAT10 Rabbit mAb

Catalog No.: A28373 **Recombinant**

Basic Information

Observed MW

116 kDa

Calculated MW

116 kDa/107 kDa

Category

Primary antibody

Applications

WB,IP,IF/ICC,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC77647

Background

The protein encoded by this gene is an RNA cytidine acetyltransferase involved in histone acetylation, tRNA acetylation, the biosynthesis of 18S rRNA, and the enhancement of nuclear architecture and chromatin organization.

Recommended Dilutions

WB 1:3000 - 1:10000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

IF/ICC 1:200 - 1:800

IHC-P 1:4000 - 1:16000

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.
For high-ratio antibody
dilutions (≥1:10000) a
sequential dilution method
is strongly recommended to
ensure measurement
accuracy.

Immunogen Information

Gene ID

55226

Swiss Prot

Q9H0A0

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ALP; Kre33; NET43

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

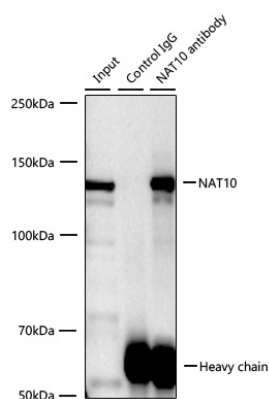
Contact

☎ | 400-999-6126

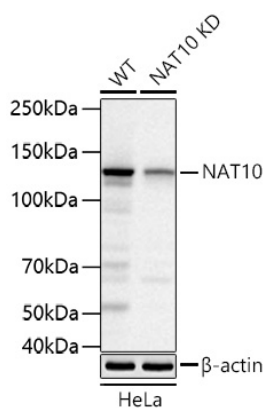
✉ | cn.market@abclonal.com.cn

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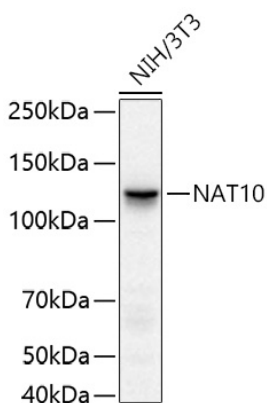
Validation Data



Immunoprecipitation of NAT10 from 300 µg extracts of HeLa cells was performed using 2 µg of [KD Validated] NAT10 Rabbit mAb (A28373). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using [KD Validated] NAT10 Rabbit mAb (A28373) at a dilution of 1:5000.

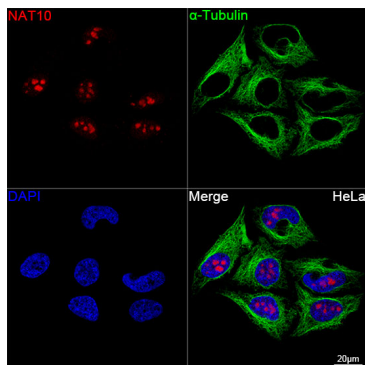


Western blot analysis of lysates from wild type (WT) and NAT10 knockdown (KD) HeLa cells using [KD Validated] NAT10 Rabbit mAb (A28373) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10 s.

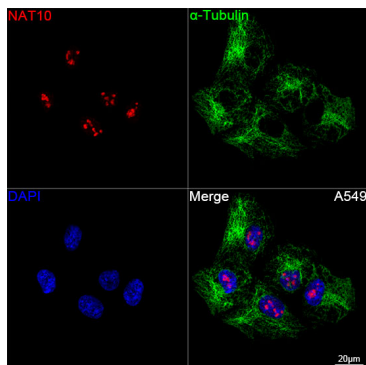


Western blot analysis of lysates from NIH/3T3 cells using [KD Validated] NAT10 Rabbit mAb (A28373) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10 s.

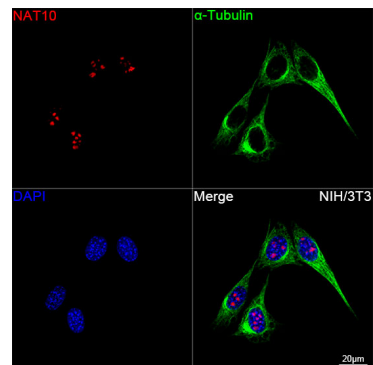
Validation Data



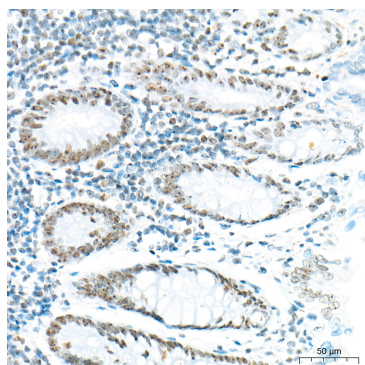
Confocal imaging of HeLa cells using [KD Validated] NAT10 Rabbit mAb (A28373, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



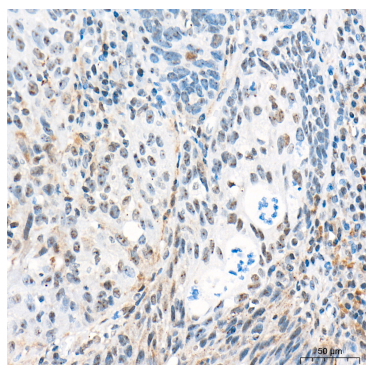
Confocal imaging of A549 cells using [KD Validated] NAT10 Rabbit mAb (A28373, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



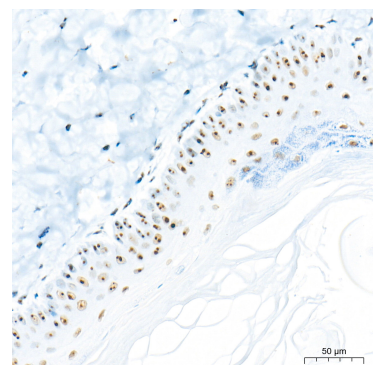
Confocal imaging of NIH/3T3 cells using [KD Validated] NAT10 Rabbit mAb (A28373, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KD Validated] NAT10 Rabbit mAb (A28373) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using [KD Validated] NAT10 Rabbit mAb (A28373) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat skin tissue using [KD Validated] NAT10 Rabbit mAb (A28373) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.