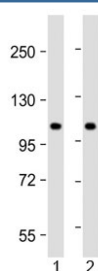


## NAT10 Antibody / N-acetyltransferase-like protein / ALP (N-Terminal Region) (F54186)

Catalog No.	Formulation	Size
F54186-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54186-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9H0A0
<b>Applications</b>	Western Blot : 1:1000-1:2000
<b>Limitations</b>	This NAT10 antibody is available for research use only.



Western blot testing of human 1) lung and 2) HeLa lysate with NAT10 antibody at 1:2000. Predicted molecular weight ~116 kDa.

### Description

NAT10 has protein acetyltransferase activity in vitro. Can acetylate both histones and microtubules. Histone acetylation may regulate transcription and mitotic chromosome de-condensation. Activates telomerase activity by stimulating the transcription of TERT, and may also regulate telomerase function by affecting the balance of telomerase subunit assembly, disassembly, and localization. Acetylates alpha-tubulin, which may affect microtubule stability and cell division.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the NAT10 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 146-178 from human NAT10 was used as the immunogen for the NAT10 antibody.

## Storage

Aliquot the NAT10 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.