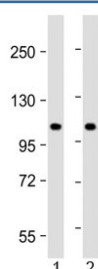


NAT10 Antibody / N-acetyltransferase-like protein / ALP (N-Terminal Region) (F54186)

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](#)

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9H0A0
Applications	Western Blot : 1:1000-1:2000
Limitations	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.