

Datasheet for ABIN5708177

anti-NAT10 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.05 mL
Target:	NAT10
Binding Specificity:	AA 146-178, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAT10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A portion of amino acids 146-178 from human NAT10 was used as the immunogen for the NAT10 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Antigen affinity purified

Target Details

Target:	NAT10
Alternative Name:	ALP / N-acetyltransferase-like protein / NAT10 (NAT10 Products)
Background:	NAT10 has protein acetyltransferase activity in vitro. Can acetylate both histones and

Target Details

microtubules. Histone acetylation may regulate transcription and mitotic chromosome decondensation. 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.

UniProt: [Q9H0A0](#)

Application Details

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.\. WB: 1:1000-1:2000

Restrictions: For Research Use only

Handling

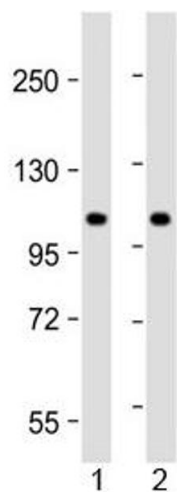
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the NAT10 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

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