



# Anti-NAT10 (aa 989-1000) polyclonal antibody (DPABH-03652)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide: C-KSDKKRLKLEAKQ, corresponding to internal sequence amino acids 989-1000 of Human NAT10
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	pH: 7.30; Constituents: 0.5% BSA, 99% Tris buffered saline
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">NAT10 N-acetyltransferase 10 (GCN6-related) [ Homo sapiens ]</a>
Official Symbol	NAT10
Synonyms	NAT10; N-acetyltransferase 10 (GCN5-related); ALP; NET43; N-acetyltransferase 10; N-acetyltransferase-like protein;
Entrez Gene ID	<a href="#">55226</a>
Protein Refseq	<a href="#">NP_001137502.1</a>
UniProt ID	<a href="#">Q9H0A0</a>
Pathway	Ribosome biogenesis in eukaryotes; metapathway biotransformation;
Function	ATP binding; N-acetyltransferase activity; poly(A) RNA binding;