

NAT10 Polyclonal Antibody

Catalog number: 13365-1-AP

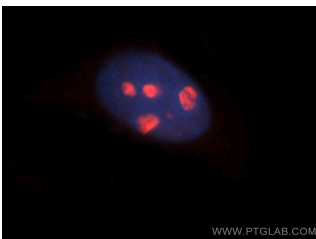
Size: 25 µg/150 µl

Source: Rabbit

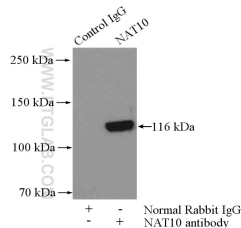
Isotype: IgG

Synonyms:

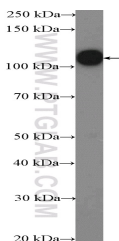
NAT10; ALP, DKFZp434C116,
FLJ10774, FLJ12179, FLJ23850,
KIAA1709, N acetyltransferase
10, NAT10, NET43



Immunofluorescent analysis of HeLa cells, using NAT10 antibody 13365-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-NAT10 (IP:13365-1-AP, 2µg; Detection:13365-1-AP 1:500) with mouse testis tissue lysate 4000µg.



HeLa cells were subjected to SDS PAGE followed by western blot with 13365-1-AP (NAT10 Antibody) at dilution of 1:3000

Background

NAT10 (N-acetyltransferase 10) is a nucleolar protein that is involved in regulation of telomerase activity, DNA damage response, and cytokinesis. It also plays a role in maintaining nuclear shape. Inhibition of NAT10 has been reported to rescue the misshapen nuclei in laminopathic cells via microtubule reorganization. The specificity of this antibody has been tested by siRNA. (24786082)

Applications

Tested applications:	ELISA, IF, IP, WB
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated NAT10 MW:	1025aa, 116 kDa
Observed NAT10 MW:	116 kDa
Positive WB detected in	HeLa cells, human brain tissue, mouse spleen tissue, mouse testis tissue
Positive IP detected in	Mouse testis tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:1000-1:10000 IP: 1:200-1:2000 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4184
GenBank accession number:	BC035558
Gene ID (NCBI):	55226
Full name:	N-acetyltransferase 10 (GCN5-related)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.