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Datasheet for ABIN7384312
anti-NAT10 antibody

Overview

Quantity:	50 µL
Target:	NAT10
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NAT10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Clone:	R05-1C8
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	NAT10
Alternative Name:	NAT10 (NAT10 Products)
Background:	ALP,DKFZp434C116,FLJ10774,FLJ12179,FLJ23850,hALP,KIAA1709,N acetyltransferase 10,N acetyltransferase 10 GCN5 related,N acetyltransferase like,N acetyltransferase like protein,N-acetyltransferase 10,NAT10,NAT10,NET43,NAT-10 (N-acetyltransferase 10) is a nuclear protein that belongs to the UPF0202 family. It has a single N-acetyltransferase domain that likely functions as a histone acetyltransferase. NAT10 functions primarily to regulate the activity of

Target Details

telomerase. It is upregulated in response to DNA damage and is likely to take part in genotoxic resistance and DNA repair. NAT-10 has a high binding potential for the promoter region of TERT which stimulates the production of telomerase. These varieties of function imply that human telomerase complexes have multiple functions rather than specific duties.

Molecular Weight: Observed_MW: 116kDa
Calculated_MW: 116kDa

Gene ID: 55226

UniProt: [Q9H0A0](#)

Application Details

Application Notes: WB 1:500-1:1000 IF 1:100-1:200

Restrictions: For Research Use only

Handling

Concentration: 300 µg/mL

Buffer: 50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

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: Store at -20°C. Avoid freeze / thaw cycles.