Recombinant NAT10 Monoclonal Antibody

catalog number: **E-AB-81427**

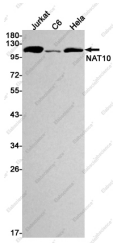
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat
Immunogen	Recombinant protein of human NAT10
Host	Rabbit
Isotype	Rabbit IgG
Clone	C773213
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IF	1:100-1:200

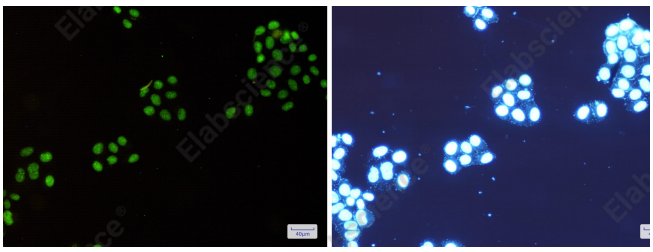
Data



Western blot detection of NAT10 in Jurkat,C6,Hela cell lysates using NAT10 Rabbit mAb(1:1000 diluted).Predicted band size:116kDa.Observed band size:116kDa.

Observed-MW:116 kDa

Calculated-MW:116 kDa



Immunofluorescence of NAT10(green) in Hela cells using NAT10 Rabbit mAb at dilution 1:200, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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 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.

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