

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-NAT10



Numéro de catalogue: 82585-1-RR

Informations de base

Numéro de catalogue:	82585-1-RR	Numéro d'acquisition GenBank:	BC035558	Méthode de purification:	Purification par protéine A
Taille:	100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	55226	CloneNo.:	5B9
Hôte:	Lapin	Nom complet:	N-acetyltransferase 10 (GCN5-related)	Dilutions recommandées:	WB 1:5000-1:50000 IF 1:1500-1:6000
Isotype:	IgG	MW calculé	1025 aa, 116 kDa		
Immunogen Catalog Number:	AG4184	MW observés:	116 kDa		

Applications

Applications testées:	IF, WB, ELISA	Contrôles positifs:	
Spécificité de l'espèce:	Humain	WB :	cellules HeLa, cellules A549, cellules HEK-293, cellules Jurkat, cellules K-562
		IF :	cellules HeLa,

Informations générales

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 (PMID: 24786082). NAT10 regulates mitotic cell fate by acetylating Eg5. NAT10 depletion results in multinuclear giant cells, which is the hallmark of mitotic catastrophe (PMID: 35210604). NAT10 plays a crucial role in carcinogenesis through influencing EMT, hypoxia, ribosomal biogenesis and overall, promoting translational efficiency. Recently, we reported that treating cancer cells with Remodelin, a small molecule inhibitor of NAT10, causes alteration in global lipid metabolism (PMID: 36149760).

Stockage

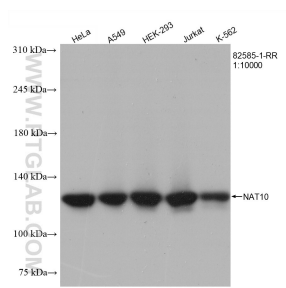
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

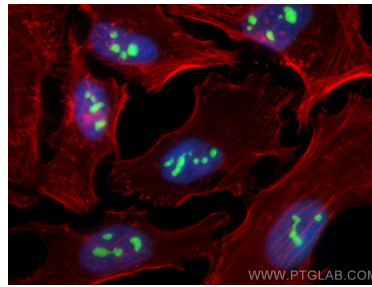
For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 82585-1-RR (NAT10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NAT10 antibody (82585-1-RR, Clone: 5B9) at dilution of 1:1900 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).