

产品名称: Lamin A/C Rabbit Monoclonal Antibody
产品货号: AMRe85742



产品概述 (Summary)

产品名称 (Production Name)	Lamin A/C Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Lamin A/C
别名 (Alternative Names)	LMNA; LMN1; Prelamin-A/C
基因 ID (Gene ID)	4000.0
蛋白 ID (SwissProt ID)	P02545.A synthetic peptide of human Lamin A/C

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 74 kDa; Observed MW: 74,63 kDa

研究背景 (Background)

Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane,

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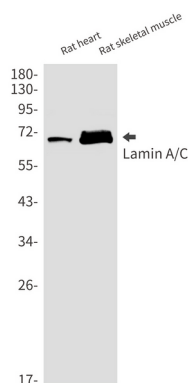


which is thought to provide a framework for the nuclear envelope and may also interact with chromatin. Lamin A and C are present in equal amounts in the lamina of mammals. Play an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics.

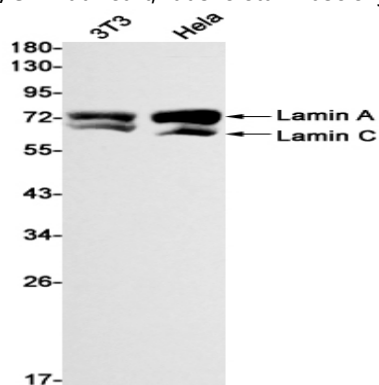
Prelamin-A/C can accelerate smooth muscle cell senescence. It acts to disrupt mitosis and induce DNA damage in vascular smooth muscle cells (VSMCs), leading to mitotic failure, genomic instability, and premature senescence.

研究领域 (Research Area)

图片 (Image Data)

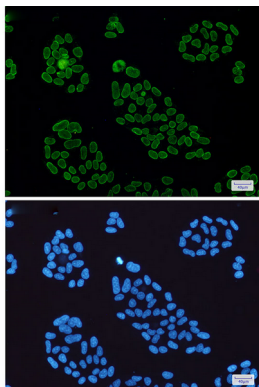


Western blot analysis of Lamin A/C in rat heart, rat skeletal muscle lysates using Lamin A/C antibody.

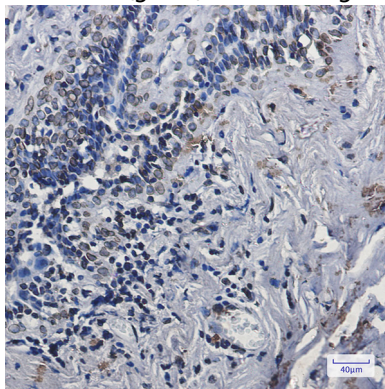


Western blot analysis of Lamin A/C in 3T3, HeLa lysates using Lamin A/C antibody.

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Immunocytochemistry analysis of Lamin A/C(green) in HeLa using Lamin A/C antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Lamin A/C antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .