

## Anti-LaminA Rabbit pAb



WL04932

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-LaminA Rabbit pAb
<b>Source</b>	Rabbit
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Tested applications</b>	WB 1:1000
<b>Cellular localization</b>	Secreted and Cell membrane
<b>Pack size</b>	50/100/200/500/1000µl
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

**Background**

Lamin A/C is also named as LMNA or LMN1. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure, and gene expression. Mutations in this gene lead to several diseases: Emery-Dreifuss muscular dystrophy, familial partial lipodystrophy, limb-girdle muscular dystrophy, dilated cardiomyopathy, Charcot-Marie-Tooth disease, and Hutchinson-Gilford progeria syndrome.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of LaminA.

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.

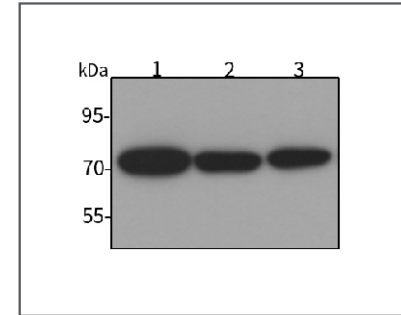
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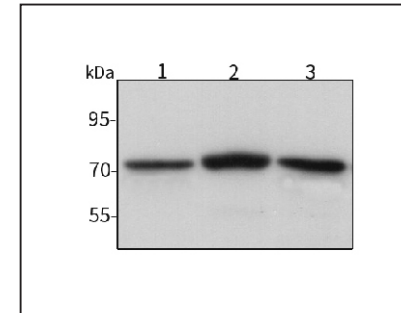
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## Product Images



## Western blot-Anti-LaminA pAb

Lane 1: Human HeLa cell lysate  
 Lane 2: Human HUVEC cell lysate  
 Lane 3: Human HEK-293 cell lysate  
 All lanes: Anti-LaminA at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 70 kDa  
 Observed band size: 70 kDa



## Western blot-Anti-LaminA pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse heart tissue lysate  
 Lane 3: Rat heart tissue lysate  
 All lanes: Anti-LaminA at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 70 kDa  
 Observed band size: 70 kDa