Lamin A/C antibody

Catalog No: #23037

Orders: order@signalwayantibody.com
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Description

Product Name	Lamin A/C antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 59 and 259 of Lamin A/C
Target Name	Lamin A/C
Accession No.	Swiss-Prot:P02545Gene ID:4000
Uniprot	P02545
GeneID	4000;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

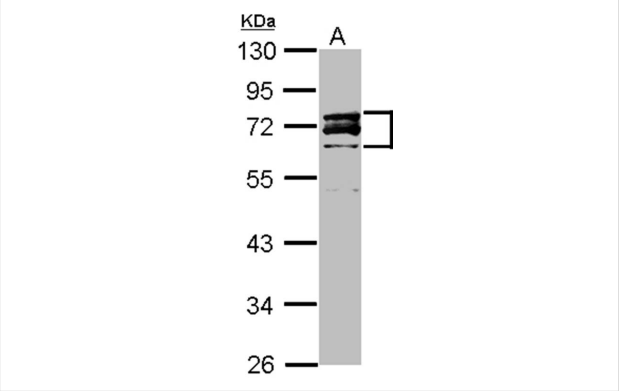
Application Details

Predicted MW: 65kd

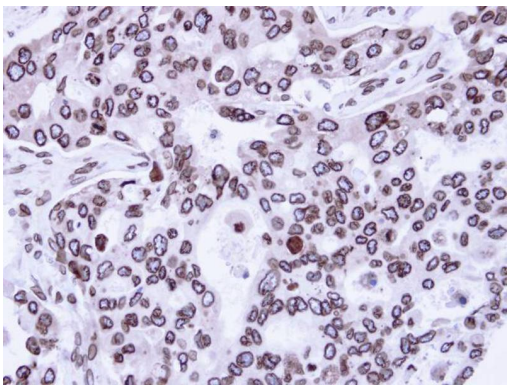
Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Images



Sample (20 ug)
A: HeLa Nucleus
10% SDS PAGE
Primary antibody diluted at 1: 3000



Immunohistochemical analysis of paraffin-embedded H441 Xenograft, using Lamin A/C antibody at 1: 100 dilution.

Background

The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. 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. Vertebrate lamins consist of two types, A and B. Through alternate splicing, this gene encodes three type A lamin isoforms. 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. [provided by RefSeq]

Note: This product is for in vitro research use only