

## Lamin A/C (phospho Ser22) Polyclonal Antibody

Catalog No: #13755



Package Size: #13755-1 50ul #13755-2 100ul

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## Description

Product Name	Lamin A/C (phospho Ser22) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Lamin A/C (S22) Polyclonal Antibody detects endogenous levels of Lamin A/C protein only when phosphorylated at S22.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Lamin A around the phosphorylation site of Ser22. AA range:2-51
Other Names	LMNA; LMN1; Prelamin-A/C
Accession No.	Swiss Prot:P02545GeneID:4000
Uniprot	P02545
GeneID	4000
SDS-PAGE MW	74
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

## Background

lamin A/C(LMNA) Homo sapiens 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. Alternative splicing results in multiple transcript variants. 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, Apr 2012].

Note: This product is for in vitro research use only