

Lamin A/C Recombinant antibody

Cat:B31005T

Company: HaoKebio

Uniprot ID:P02545

Applications: IHC:1:3000-1:12000

Organism:Rabbit

IHC-Polymer:1:12000-1:48000

Species reactivity:Human Mouse Rat

IHC-TSA:1:15000-1:60000

Molecular Weight Calculation: 65 kDa

IF:1:150-1:600

Observed Molecular Weight: 65-70 kDa

WB:1:20000-1:100000

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.

The lack of lamin A/C can be as a novel marker for undifferentiated embryonic stem cells and lamin A/C expression is as an early indicator of differentiation. 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. This protein has 4 isoforms produced by alternative splicing with the molecular weight of 74 kDa, 65 kDa, 70 kDa and 64 kDa. This antibody can recognize 4 isoforms of Lamin A/C.

Protein full name:

lamin A/C

Synonyms:

LaminA/C, LMNA, LMN1, Lamin-A/C, lamin A

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

nuclear membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

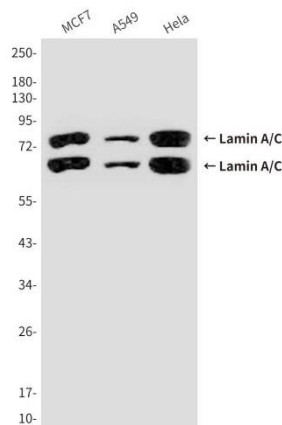
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:Lamin A/C(B31005T)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Lamin A/C(B31005T) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

