

Anti-LMNA antibody

Cat. No.	ml220927
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-LMNA rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human LMNA
Reactivity	Human, Mouse, Rat
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	LMNA
Full name	lamin A/C

Synonyms FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B

Swissprot P02545

Target 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. Alternative splicing results in multiple transcript variants.

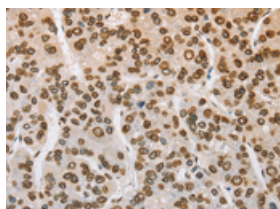
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human liver cancer

Recommended dilution: 100-300

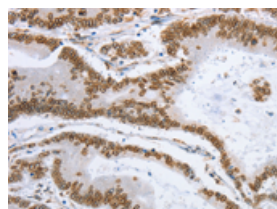


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml220927(LMNA Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Nucleus

Positive control: Human colon cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml220927(LMNA Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 74 kDa

Positive control: A431 cells

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

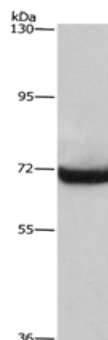
Lysate: 40 μ g

Lane: A431 cells

Primary antibody: ml220927(LMNA Antibody) at dilution 1/430

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 seconds



ELISA

Recommended dilution: 2000-5000

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