

## Anti-LMNB1 antibody

<b>Cat. No.</b>	ml220926
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-LMNB1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human LMNB1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	LMNB1
<b>Full name</b>	lamin B1

**Synonyms** LMN; ADLD; LMN2; LMNB

**Swissprot** P20700

#### **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. This gene encodes one of the two B type proteins, B1. Alternative splicing results in transcript variants and a duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD).

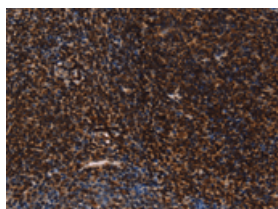
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human tonsil

Recommended dilution: 100-300

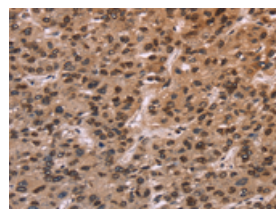


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml220926(LMNB1 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml220926(LMNB1 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 67 kDa

Positive control: Hela and HT-29 cells, human fetal liver and testis tissue, 231 and K562 cells, human bladder transitional cells carcinoma tissue

Recommended dilution: 1000-5000

订购热线: 4008-898-798

Gel: 6%SDS-PAGE

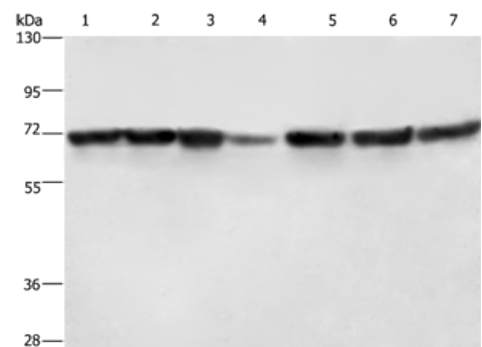
Lysate: 40 µg

Lane 1-7: Hela cells, HT29 cells, human fetal liver tissue, Human testis tissue, 231 cells, K562 cells, human bladder transitional cell carcinoma tissue

Primary antibody: ml220926(LMNB1 Antibody) at dilution 1/750

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

Exposure time: 1 second



## ELISA

Recommended dilution: 2000-10000

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