

## LMNB1

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**Reactivity:**Human Mouse

**Tested applications:**WB IF

**Recommended Dilution:**WB 1:500 - 1:2000 IF 1:50 - 1:200

**Calculated MW:**66kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human LMNB1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

LMN; ADLD; LMN2; LMNB;

**Catalog #:**A11133

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4001

**Isotype:**IgG

**Swiss Prot:**P20700

**Purity:**Affinity purification

For research use only.

**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).

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