

## Basic Information

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|---------------------------|--|--|
| <b>Product Name</b>       | Anti-Lamin B1/LMNB1 Antibody   |  |
| <b>Gene Name</b>          | LMNB1  |  |
| <b>Source</b>             | Rabbit   |  |
| <b>Isotype</b>            | IgG  |  |
| <b>Species Reactivity</b> | human,mouse,rat  |  |
| <b>Tested Application</b> | WB   |  |
| <b>Contents</b>           | 500 ug/ml;Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |  |
| <b>Immunogen</b>          | A synthesized peptide derived from human Lamin B1  |  |
| <b>Purification</b>       | Affinity-chromatography  |  |
| <b>Observed MW</b>        | 66-72KD  |  |
| <b>Dilution Ratios</b>    | Western blot (WB): 1:1000-5000<br>Immunohistochemistry in paraffin section (IHC): 1:20-100<br>Immunocytochemistry/Immunofluorescence (ICC/IF): 1:20-100<br>Immunoprecipitation: 1:20 |  |

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

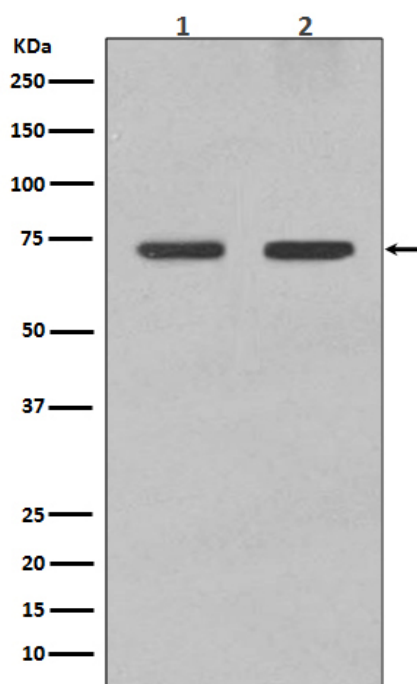
## Background Information

Lamin-B1 is a protein that in humans is encoded by the LMNB1 gene. 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.

## Reference

Anti-Lamin B1/LMNB1 Antibody被引用在1文献中。

## Selected Validation Data



Western blot analysis of Lamin B1 expression in (1) HeLa cell lysate; (2) Jurkat cell lysate; (3) Mouse brain lysate; (4) Rat heart lysate with Lamin B1 Antibody.