10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Lamin B1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10621

Specification

Lamin B1 Antibody - Product Information

Application	**WB**
Primary Accession	P14733
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**66786**

Lamin B1 Antibody - Additional Information

Gene ID 16906

Application & Usage

Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects a 68 kDa mouse Lamin B1 on SDS-PAGE immunoblots. It also reacts in a lesser extent with human and rat samples. A ~40 kDa unknown band can also be detected in all human, mouse and rat samples.

Other Names
LMB1, LMNB1, LMNB 1, LMNB, LaminB1, LMN

Target/Specificity
Lamin

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

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Precautions
Lamin B1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Lamin B1 Antibody - Protein Information

Name Lmnb1

Function
Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin.

Cellular Location
Nucleus lamina {ECO:0000250|UniProtKB:P20700}.

Lamin B1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Lamin B1 Antibody - Images

Lamin B1 Antibody - Background

Catalase is known marker for peroxisomes. It is the most abundant protein in the peroxisomes. It is present in all aerobically respiring organisms. It protects cells form the toxicity of hydrogen peroxide.