

Lamin B1 Blocking Peptide

Catalog # PBV10358b

Specification

Lamin B1 Blocking Peptide - Product Information

Primary Accession P14733 Gene ID 16906 Calculated MW 66786

Lamin B1 Blocking Peptide - Additional Information

Gene ID 16906

Application & Usage The peptide is used for blocking the

antibody activity of Lamin B1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for

30-60 minutes at 37°C.

Other Names Lamin-B1, Lmnb1

Target/Specificity

Lamin B1

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

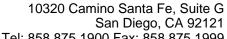
Lamin B1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Lamin B1 Blocking Peptide - Protein Information

Name Lmnb1

Function

Lamins are intermediate filament proteins that assemble into a filamentous meshwork, and which constitute the major components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane (PubMed:28241138). Lamins provide a framework for the nuclear envelope, bridging





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the nuclear envelope and chromatin, thereby playing an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics (PubMed:28241138). The structural integrity of the lamina is strictly controlled by the cell cycle, as seen by the disintegration and formation of the nuclear envelope in prophase and telophase, respectively (PubMed:28241138).

Cellular Location Nucleus lamina.

Lamin B1 Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Lamin B1 Blocking Peptide - Images