Leader in Biomolecular Solutions for Life Science

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# Lamin B1 Rabbit pAb

**Catalog No.: A16685** **1 Publications**

## Basic Information

**Observed MW**
70kDa

**Calculated MW**
66kDa

**Category**
Primary antibody

**Applications**
WB,IF/ICC,IP,ELISA

**Cross-Reactivity**
Human, Mouse, Rat

## Background

This gene encodes one of the two B-type lamin proteins and is a component of the nuclear lamina. A duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD). Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **IF/ICC** | 1:50 - 1:200 |
| **IP** | 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
4001

**Swiss Prot**
P20700

**Immunogen**
Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**
LMN; ADLD; LMN2; LMNB; MCPH26; Lamin B1

## Contact


400-999-6126

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## Product Information

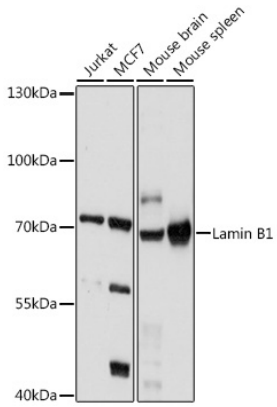
**Source**
Rabbit

**Isotype**
IgG

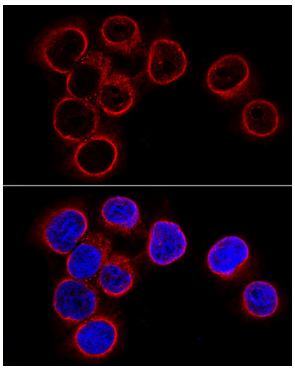
**Purification**
Affinity purification

**Storage**
Store at -20℃

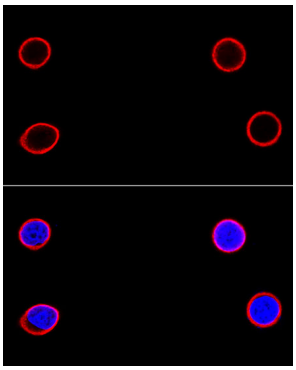
## Validation Data




Western blot analysis of various lysates using Lamin B1 Rabbit pAb (A16685) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Confocal immunofluorescence analysis of HeLa cells using Lamin B1 Rabbit pAb (A16685) at dilution of 1:100 (60x lens). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of MCF-7 cells using Lamin B1 Rabbit pAb (A16685) at dilution of 1:100 (60x lens). Blue: DAPI for nuclear staining.