# Lamin B1 Rabbit pAb

Catalog No.: A16685 2 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 Swiss Prot**4001
P20700

#### **Immunogen**

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

### **Synonyms**

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

# **Contact**

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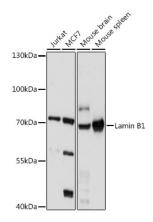
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

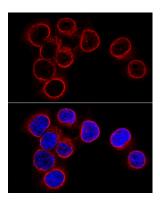


Western blot analysis of various lysates using Lamin B1 Rabbit pAb (A16685) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

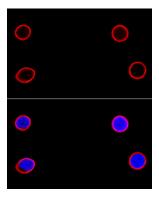
Blocking buffer: 3% nonfat dry milk in TBST.

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.