

Lamin B1 Rabbit pAb

Catalog No.: A1910 **62 Publications**

Basic Information

Observed MW

68kDa/45kDa

Calculated MW

66kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,IP,ELISA,ChIP

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 - 1:5000
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
IF/ICC	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
ChIP	5µg antibody for 10µg-15µg of Chromatin

Immunogen Information

Gene ID

4001

Swiss Prot

P20700

Immunogen

This information is considered to be commercially sensitive.

Synonyms

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

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

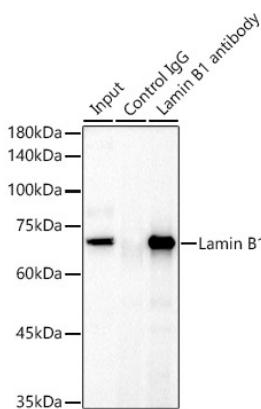
Store at -20°C. Avoid freeze / thaw cycles.

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

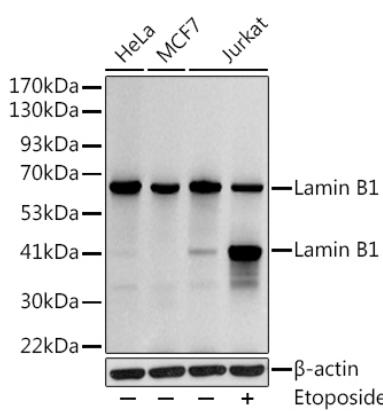
Contact

-  | 400-999-6126
-  | cn.market@abclonal.com.cn
-  | www.abclonal.com.cn

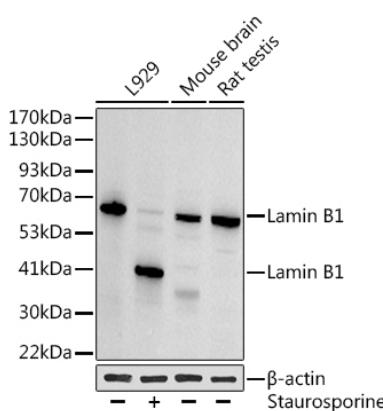
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg Lamin B1 antibody (A1910). Western blot was performed from the immunoprecipitate using Lamin B1 antibody (A1910) at a dilution of 1:1000.

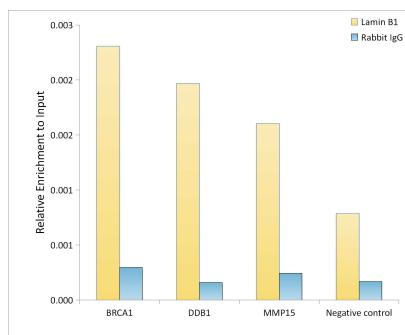


Western blot analysis of various lysates using Lamin B1 Rabbit pAb (A1910) at 1:1000 dilution. Jurkat cells were treated with Etoposide (25 uM) at 37°C for 5 hours.

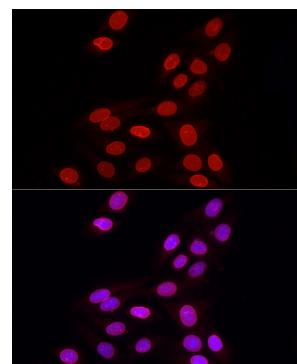
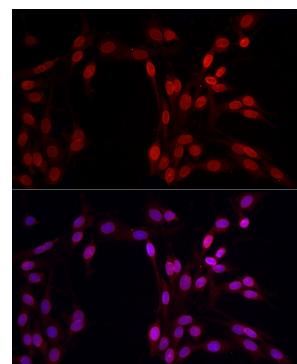
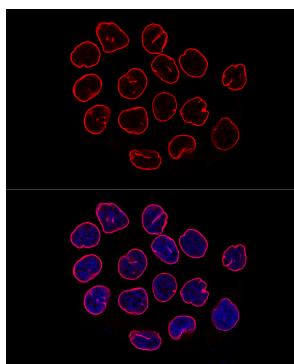
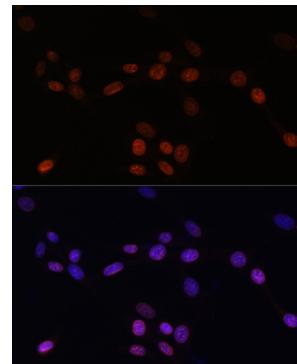
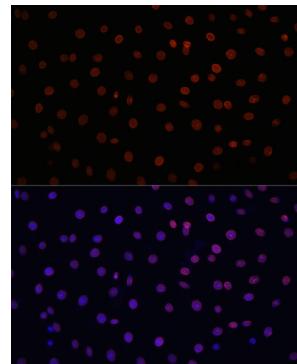
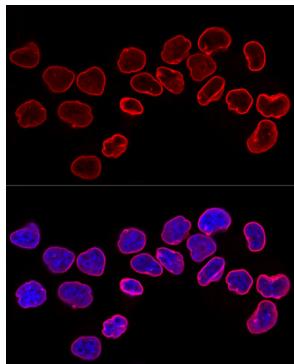


Western blot analysis of various lysates using Lamin B1 Rabbit pAb (A1910) at 1:1000 dilution. L929 cells were treated with staurosporine(1 uM) for 3 hour.

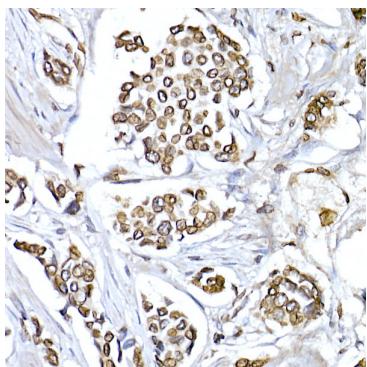
Validation Data



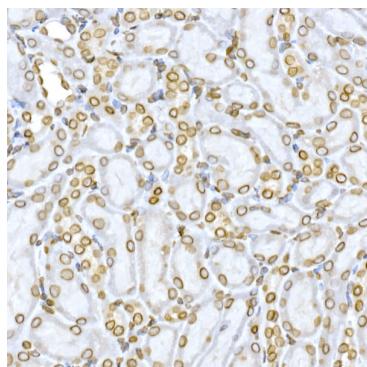
Chromatin immunoprecipitation analysis of extracts of HeLa cells, using Lamin B1 Rabbit pAb antibody (A1910) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



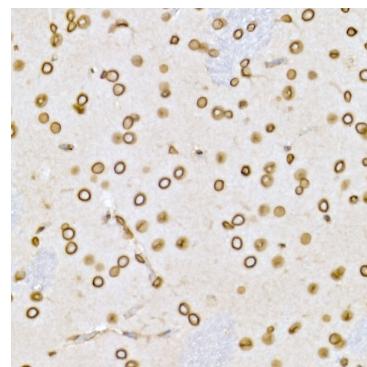
Validation Data



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Lamin B1 Rabbit pAb (A1910) at dilution of 1:150 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Lamin B1 Rabbit pAb (A1910) at dilution of 1:150 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Lamin B1 Rabbit pAb (A1910) at dilution of 1:150 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.