

Lamin B1 Rabbit mAb

Catalog No.: A11495 **Recombinant** **9 Publications**

Basic Information

Observed MW

45kDa/70kDa

Calculated MW

66kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0621

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

IHC-P 1:100 - 1:500

Immunogen Information

Gene ID

4001

Swiss Prot

P20700

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 450-550 of human Lamin B1 (P20700).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

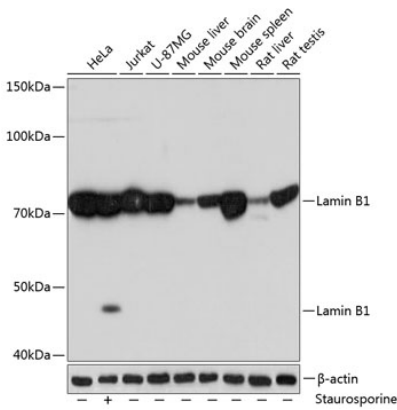
Affinity purification

Storage

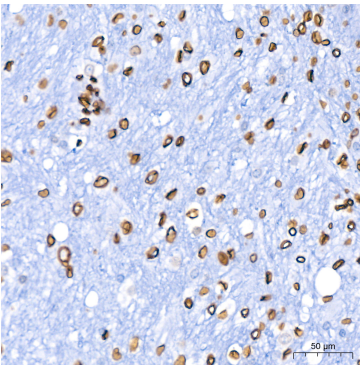
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

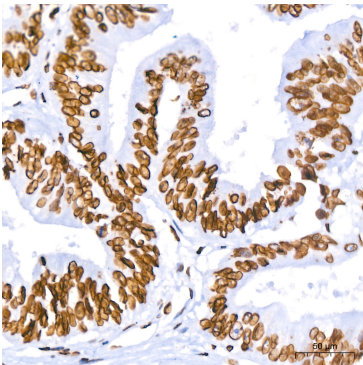
Validation Data



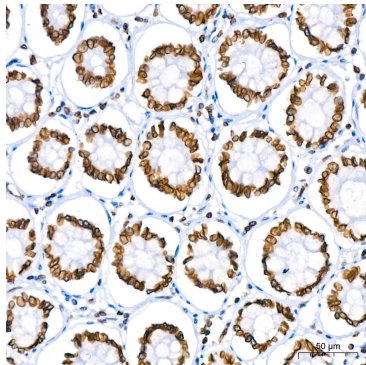
Western blot analysis of various lysates using Lamin B1 Rabbit mAb (A11495) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



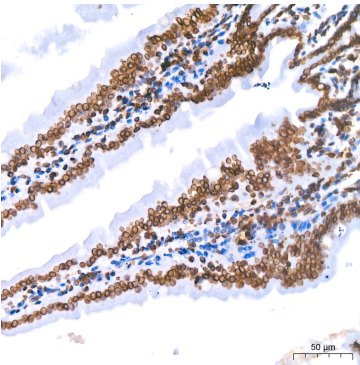
Immunohistochemistry analysis of Lamin B1 in paraffin-embedded human brain using Lamin B1 Rabbit mAb (A11495) at dilution of 1:400 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



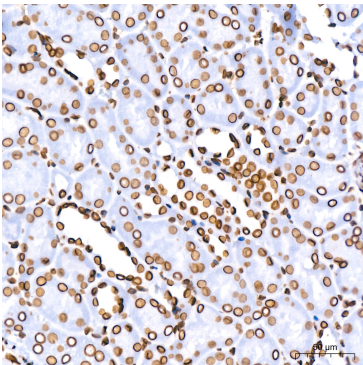
Immunohistochemistry analysis of Lamin B1 in paraffin-embedded human colon carcinoma using Lamin B1 Rabbit mAb (A11495) at dilution of 1:400 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



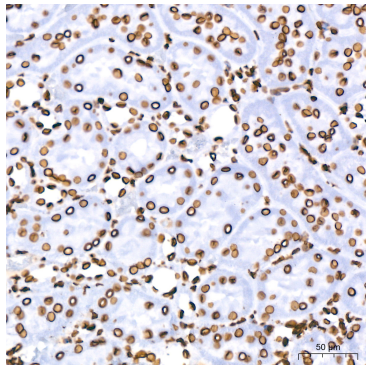
Immunohistochemistry analysis of Lamin B1 in paraffin-embedded human colon using Lamin B1 Rabbit mAb (A11495) at dilution of 1:400 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Lamin B1 in paraffin-embedded mouse colon using Lamin B1 Rabbit mAb (A11495) at dilution of 1:400 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

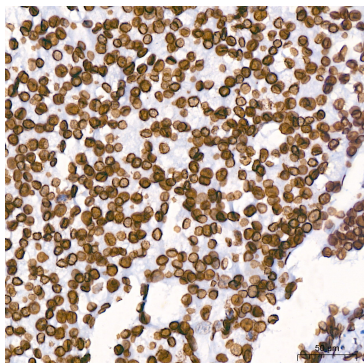


Immunohistochemistry analysis of Lamin B1 in paraffin-embedded mouse kidney using Lamin B1 Rabbit mAb (A11495) at dilution of 1:400 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

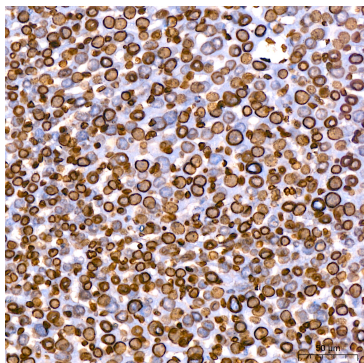


Immunohistochemistry analysis of Lamin B1 in paraffin-embedded rat kidney using Lamin B1 Rabbit mAb (A11495) at dilution of 1:400 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

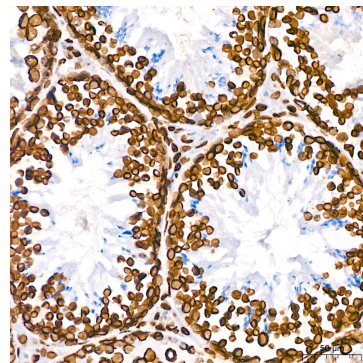
Validation Data



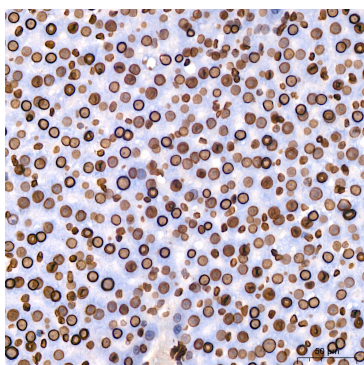
Immunohistochemistry analysis of Lamin B1 in paraffin-embedded human liver cancer using Lamin B1 Rabbit mAb (A11495) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Lamin B1 in paraffin-embedded mouse liver using Lamin B1 Rabbit mAb (A11495) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Lamin B1 in paraffin-embedded mouse testis using Lamin B1 Rabbit mAb (A11495) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Lamin B1 in paraffin-embedded rat liver using Lamin B1 Rabbit mAb (A11495) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.