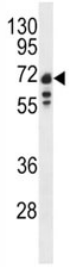
Lamin B1 Antibody (F49714)

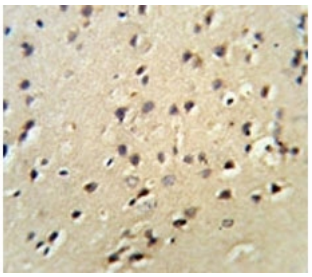
Catalog No.	Formulation	Size
F49714-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49714-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P20700
Localization	Nuclear membrane, nuclear
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This Lamin B1 antibody is available for research use only.



Western blot analysis of Lamin B1 antibody and Ramos lysate. Predicted molecular weight ~66kDa.



Lamin B1 antibody IHC analysis in formalin fixed and paraffin embedded mouse brain tissue.

Description

The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Lamin B1 is one of the two B type proteins, B1.

LMNB1 Antibody detects a nuclear lamina protein involved in nuclear envelope organization, chromatin structure and cellular senescence pathways; additional nuclear structure research tools are available on our Lamin B1 Antibody / Nuclear Envelope Marker Antibody page.

Application Notes

Titration of the Lamin B1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 459-488 from the human protein was used as the immunogen for this Lamin B1 antibody.

Storage

Aliquot the Lamin B1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.