

Datasheet for ABIN390511

anti-Lamin B1 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	Lamin B1 (LMNB1)
Binding Specificity:	AA 459-488, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lamin B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Lamin B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 459-488 amino acids from the C-terminal region of human Lamin B1.
Clone:	RB19539
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Lamin B1 (LMNB1)
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Target Details

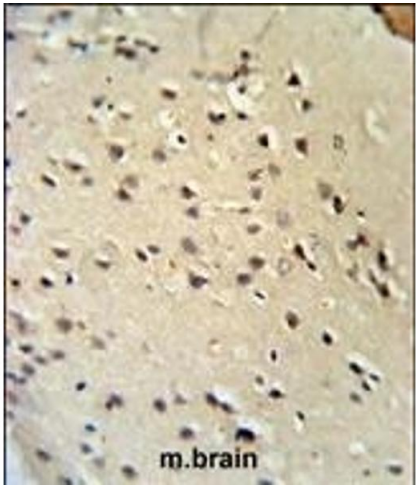
Alternative Name:	Lamin B1 (LMNB1 Products)
Background:	The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly 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.
Molecular Weight:	66408
Gene ID:	4001
NCBI Accession:	NP_005564
UniProt:	P20700
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

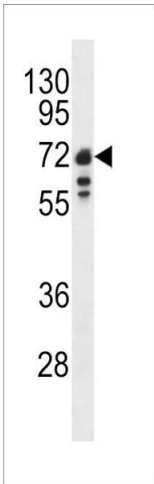
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Lamin B1 Antibody (C-term) (ABIN390511 and ABIN2840865) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Lamin B1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of Lamin B1 antibody (C-term) (ABIN390511 and ABIN2840865) in Ramos cell line lysates (35 µg/lane). Lamin B1 (arrow) was detected using the purified Pab.