

Datasheet for ABIN3031587

anti-Lamin B1 antibody (AA 459-488)



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3 Images

Overview

Quantity:	0.4 mL
Target:	Lamin B1 (LMNB1)
Binding Specificity:	AA 459-488
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lamin B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 459-488 from the human protein was used as the immunogen for this Lamin B1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Purified

Target Details

Target:	Lamin B1 (LMNB1)
Alternative Name:	Lamin B1 (LMNB1 Products)
Background:	The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner

Target Details

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.

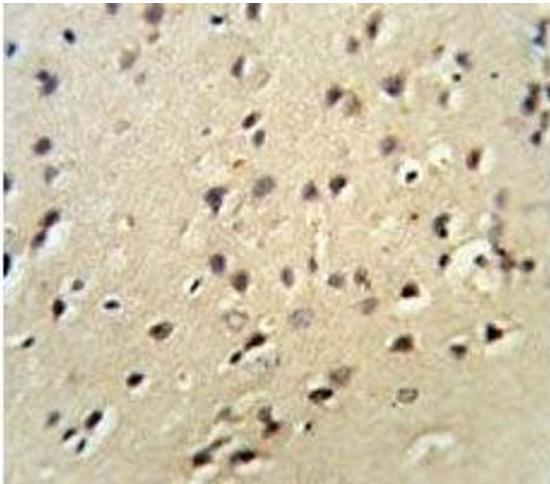
UniProt:	P20700
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	Titration of the Lamin B1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only

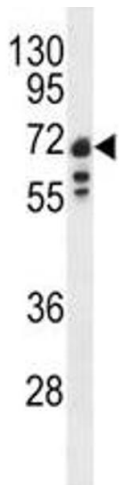
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the Lamin B1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



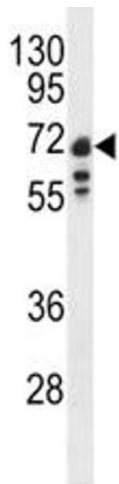
Immunohistochemistry

Image 1. Lamin B1 antibody IHC analysis in formalin fixed and paraffin embedded mouse brain tissue.



Western Blotting

Image 2. Western blot analysis of Lamin B1 antibody and Ramos lysate



Western Blotting

Image 3. Western blot analysis of Lamin B1 antibody and Ramos lysate