



ELK Biotechnology

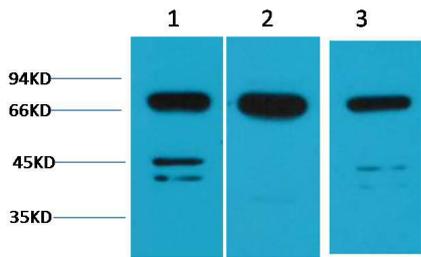
Lamin B1 Rabbit pAb

Catalog NO.: EA041

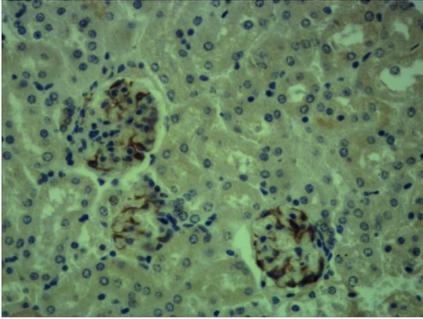
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Overview

Product name	Lamin B1 Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-3000 Immunohistochemistry::1/500-1000 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	68,45kDa
GenelD (Human)	4001
Human Swiss-Prot No.	P20700
Cellular localization	Mitochondrion inner membrane
Alternative Names	ADLD, LMB1,LMNB1, MGC111419, OTTHUMP00000159218
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. This gene encodes one of the two B type proteins, B1.



Western blot analysis of 1) 293T, 2) Mouse Brain, 3) Rat Brain tissue with EA041 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using Lamin B1 (EA041) Rabbit pAb diluted at 1:500.