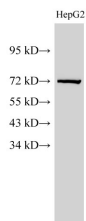


Lamin B1 Polyclonal Antibody

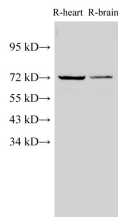
Catalog No.	E-AB-40257	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

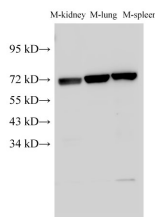
Images



Western Blot analysis of HepG2 cell using Lamin B1 Polyclonal Antibody at dilution of 1:1000



Western Blot analysis of Rat heart and Rat brain using Lamin B1 Polyclonal Antibody at dilution of 1:1000



Western Blot analysis of Mouse kidney, Mouse lung and Mouse spleen using Lamin B1 Polyclonal Antibody at dilution of 1:1000

Immunogen Information

Immunogen	Recombinant Rat Lamin-B1 protein
GeneID	116685
Swissprot	P70615
Synonyms	ADLD,lamin B1,Lamin-B1,LMN,LMN2,LMNB,Lmnb1,LMNB1

Product Information

Calculated MW	67 kDa
Observed MW	72 kDa
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	WB 1:1000-1:2000 IHC 1:100-1:200

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. Alternative splicing results in transcript variants and a duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD).

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.