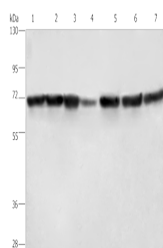


LMNB1 Polyclonal Antibody

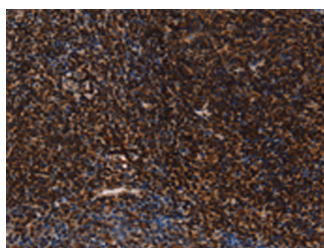
Catalog No.	E-AB-18237	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

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

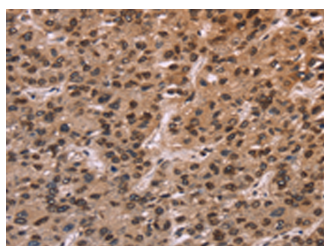
Images



Western blot analysis of Hela cells
 HT29 cells human fetal liver tissue
 Human testis tissue 231 cells K562
 cells human bladder transitional cell
 carcinoma tissue using LMNB1
 Polyclonal Antibody at dilution of
 1:750



Immunohistochemistry of paraffin-
 embedded Human tonsil tissue using
 LMNB1 Polyclonal Antibody at
 dilution of 1:60(×200)



Immunohistochemistry of paraffin-
 embedded Human liver cancer tissue
 using LMNB1 Polyclonal Antibody at
 dilution of 1:60(×200)

Immunogen Information

Immunogen	Fusion protein of human LMNB1
Gene Accession	BC012295
Swissprot	P20700
Synonyms	ADLD,lamin B1,Lamin-B1,LMN,LMN2,LMNB,Lmn b1,LMNB1,MGC111419,OTTHUMP00000159218

Product Information

Calculated MW	67 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:1000-1:5000, IHC 1:100-1:300, ELISA 1:2000-1:10000

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.