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Datasheet

LMNA polyclonal antibody

Catalog Number: PAB30761

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against partial recombinant human LMNA.

Immunogen: Recombinant protein corresponding to human LMNA.

Sequence:
EVVSREVSGIKAAYEAELGDARKTLDSVAKERARLQLE
LSKVREEFKELKARNTKKEGDLIAAQARLKDLEALLNS
KEAALSTALSEKRTLEGELHDLRGQVAKLEAALGEAKK
QLQDEMLRRVDAENRLQTMKEELDFQKNIYSEELRE

Host: Rabbit

Reactivity: Human,Mouse,Rat

Applications: IF, IHC-P, WB, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunofluorescence (1-4 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50)
Western Blot (1:100-1:250)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4000

Gene Symbol: LMNA

Gene Alias: CDCD1, CDDC, CMD1A, CMT2B1, EMD2, FPL, FPLD, HGPS, IDC, LDP1, LFP, LGMD1B, LMN1, LMNC, PRO1

Gene Summary: 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. Through alternate splicing, this gene encodes three type A lamin isoforms. Mutations in this gene lead to several diseases: Emery-Dreifuss muscular dystrophy, familial partial lipodystrophy, limb girdle muscular dystrophy, dilated cardiomyopathy, Charcot-Marie-Tooth disease, and Hutchinson-Gilford progeria syndrome. [provided by RefSeq]