SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0093-100	300 µg

Anti-LMNA

Source: Goat

General description: Goat polyclonal to LMNA (Lamin A/C) - nucleus marker. The Lamin family of proteins make up the matrix of proteins located next to the inner nuclear membrane. During mitosis, the lamina matrix is reversibly disassembled as the Lamin proteins are phosphorylated. These proteins are thought to be involved in chromatin structure, nuclear stability and gene expression.

Alternative names: CDDC, CDCD1, CMD1A, CMT2B1, EMD2, FPL, FPLD, FPLD2 HGPS, IDC, LDP1, LFP, LGMD1B, LMNC, LMN1, LMNL1, PRO1 antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide within residues 620 aa to C-term of human LMNA produced in E. coli.

Specificity: Detects a band of 65-70 kDa by Western blot in whole cell lysates.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	+++	ND
Rat	+++	ND	ND	+++	ND
Mouse	+++	ND	ND	+++	ND
Canine	+++	ND	ND	+++	ND
Monkey	+++	ND	ND	+++	ND

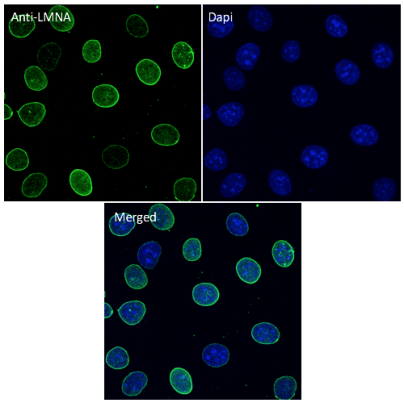
+++ excellent, ++ good, + poor, ND not determined

Usage:

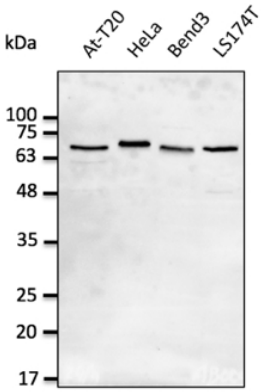
WB: 1:500-1:5,000
IF: 1:100-1:1,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

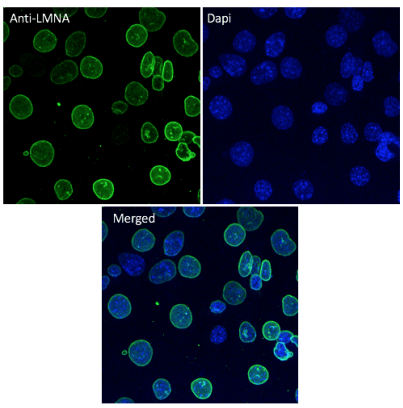
Special instructions: The antibody solution should be gently mixed before use..



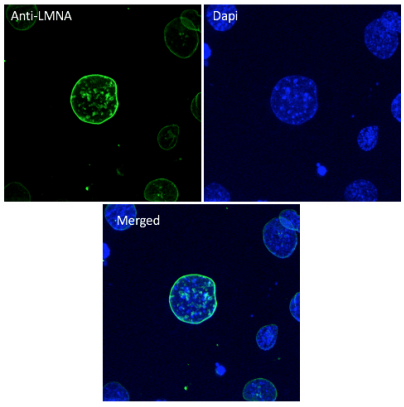
Immunofluorescence –anti-LMNA Ab using COS-7 cells; cells were fixed with methanol and anti-LMNA at 1/250;



Anti-LMNA Ab at 1/2,500 dilution; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Immunofluorescence –anti-LMNA Ab using hCEC cells; cells were fixed with methanol and anti-LMNA at 1/100;



Immunofluorescence –anti-LMNA Ab using hCEC cells; cells were fixed with methanol and anti-LMNA at 1/100;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.