

Anti-LMNA Antibody

Catalog Number: M00438-4

About LMNA

Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin. Lamin A and C are present in equal amounts in the lamina of mammals. Plays an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics. Required for normal development of peripheral nervous system and skeletal muscle and for muscle satellite cell proliferation. Required for osteoblastogenesis and bone formation. Also prevents fat infiltration of muscle and bone marrow, helping to maintain the volume and strength of skeletal muscle and bone.

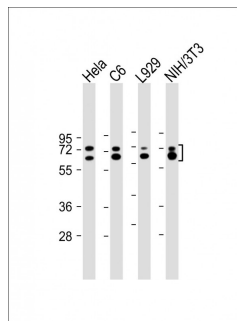
Overview

Product Name	Anti-LMNA Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-LMNA Antibody (Catalog # M00438-4). Tested in WB application(s). This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal 1073CT3.1.3
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P02545

Technical Details

Immunogen	This antibody is generated from a mouse immunized with a recombinant protein.
Predicted Reactive Species	Human
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:4000

Anti-LMNA Antibody (M00438-4) Images



All lanes : Anti-LMNA antibody at 1:4000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: C6 whole cell lysate
Lane 3: L929 whole cell lysate
Lane 4: NIH/3T3 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 74, 65 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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Anti-LMNA Antibody

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