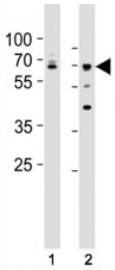
Lamin A/C Antibody (F53241)

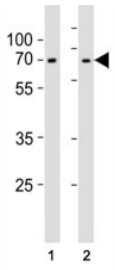
Catalog No.	Formulation	Size
F53241-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53241-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P02545
Applications	Western blot: 1:500-1000
Limitations	This Lamin A/C antibody is available for research use only.



Western blot testing of Lamin A/C antibody at 1:500 dilution. Lane 1: A431 lysate; 2: HepG2 lysate; Predicted band size : 70 kDa.



Western blot testing of Lamin A/C antibody at 1:1000 dilution. Lane 1: SH-SY5Y lysate; 2: PC3 lysate; Predicted band size : 70 kDa.

Description

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.

Application Notes

Titration of the Lamin A/C antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Lamin A/C antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 465-498 amino acids from the Central region of the human protein.

Storage

Aliquot the Lamin A/C antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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