BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-LEMD2 Antibody

Catalog Number: A09079

About LEMD2

The LEM (lamina-associated polypeptide-emerin-MAN1) domain is a motif shared by a group of lamin-interacting proteins of the inner nuclear membrane (INM) and nucleoplasm. One such protein, LEMD2 (LEM domain-containing protein 2), is a lamina-associated protein in the INM involved in nuclear structure organization, containing an N-terminal LEM motif, two transmembrane domains, and a MAN1-Src1p C-terminal (MSC) domain. LEMD2 is a truncated paralog of MAN1, lacking the MAN1-specific C-terminal RNA-recognition motif, but like MAN1 is required for myogenic differentiation. Mutations in LEMD2 are thought be among the possible causes of muscle disease.

Submit a product review to Biocompare.com



Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-LEMD2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-LEMD2 Antibody (Catalog # A09079). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	LEMD2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8NC56

Technical Details

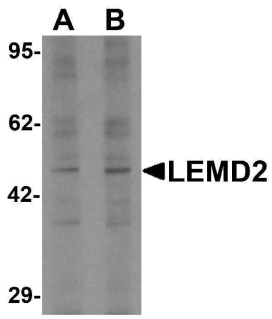
Immunogen	LEMD2 antibody was raised against a 16 amino acid synthetic peptide near the center of human LEMD2. The immunogen is located within amino acids 220 - 270 of LEMD2.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of LEMD2 are known to exist; this antibody will detect only the longer

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

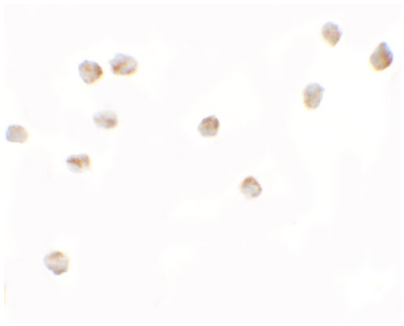
	isoform.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	LEMD2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	LEMD2 antibody can be used for detection of LEMD2 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 2.5 ug/mL. For immunofluorescence start at 2.5 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

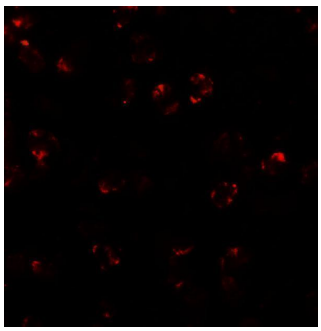
Anti-LEMD2 Antibody (A09079) Images



Western blot analysis of LEMD2 in 293 cell lysate with LEMD2 antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of LEMD2 in 3T3 cells with LEMD2 antibody at 2.5 ug/mL.



Immunofluorescence of LEMD2 in 3T3 cells with LEMD2 antibody at 20 ug/mL.

For Research Use Only. Not for use in diagnostic procedures.