

Rabbit anti-Human, Mouse LEMD2 Polyclonal Antibody | anti-LEMD2 antibody

LEMD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39687	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

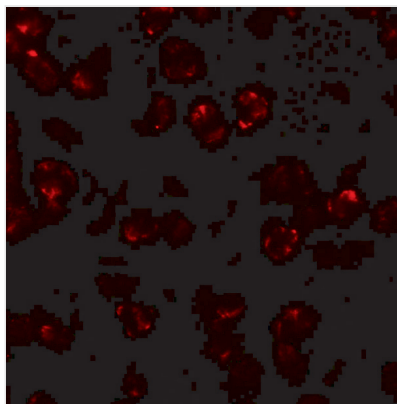
PRODUCT SYNONYMS

LEMD2; Polyclonal Antibody; LEMD2 Antibody; NET25; dJ482C21.1; LEM domain-containing protein 2; hLEM2; LEM domain containing 2; anti-LEMD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of LEMD2 are known to exist; this antibody will detect only the longer isoform.
Purity/Purification	LEMD2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	503
Applicable Applications for anti-LEMD2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	LEMD2 antibody was raised against a 16 amino acid synthetic peptide near the center of human LEMD2.
Buffer	LEMD2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

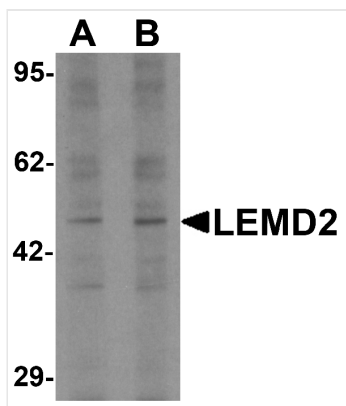
IMAGES


IF (Immunofluorescence)

Immunofluorescence of LEMD2 in 3T3 cells with LEMD2 antibody at 20 &#956;g/mL.


ICC (Immunocytochemistry)

Immunocytochemistry of LEMD2 in 3T3 cells with LEMD2 antibody at 2.5 &#956;g/mL.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-LEMD2 antibody

LEMD2 Antibody: 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 to be among the possible causes of muscle disease.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31044432
NCBI GeneID	221496
NCBI Accession #	NP_851853
NCBI GenBank Nucleotide #	NM_181336.3
UniProt Accession #	Q8NC56; Q5T972; Q5T974; B4DVH5; E7EVT2
Molecular Weight	23,520 Da
NCBI Official Full Name	LEM domain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	LEM domain containing 2
NCBI Official Symbol	LEMD2
NCBI Official Synonym Symbols	NET25; dJ482C21.1
NCBI Protein Information	LEM domain-containing protein 2; hLEM2
UniProt Protein Name	LEM domain-containing protein 2
UniProt Gene Name	LEMD2
UniProt Synonym Gene Names	hLEM2
UniProt Entry Name	LEMD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lemd2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39687>