

Datasheet for ABIN6991613
anti-LEMD3 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	LEMD3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LEMD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	LEMD3 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human LEMD3. The immunogen is located within the last 50 amino acids of LEMD3.
Isotype:	IgG
Specificity:	At least three isoforms of LEMD3 are known to exist, this antibody will detect all isoforms. LEMD3 antibody is predicted to not cross-react with LEMD1 and LEMD2
Purification:	LEMD3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	LEMD3
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Target Details

Alternative Name:	LEMD3 (LEMD3 Products)
Background:	LEMD3 Antibody: LEMD3 (LEM domain-containing 3) is a lem-domain containing protein, also known as MAN1, whose loss of function results in disorders characterized by osteopoikilosis, Buschke-Ollendorff syndrome, and melorheostosis. LEMD3 is an inner nuclear membrane protein that interacts with BMP and activin-TGF-beta receptor-activated Smads and antagonizes TGF-beta signaling in human cells.
Gene ID:	23592
NCBI Accession:	NP_055134
UniProt:	Q9Y2U8

Application Details

Application Notes:	LEMD3 antibody can be used for detection of LEMD3 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 5 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	LEMD3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	LEMD3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.