



PRODUCT DATA SHEET

Bioworld Technology, Inc.

LEMD2 polyclonal antibody

Catalog: BS34893

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

LEM domain-containing protein 2: Nuclear lamina-associated inner nuclear membrane protein that is involved in nuclear structure organization, maintenance of nuclear envelope (NE) integrity and NE reformation after mitosis . Plays a role as transmembrane adapter for the endosomal sorting complexes required for transport (ESCRT), and is thereby involved in ESCRT-mediated NE reformation . Promotes ESCRT-mediated NE closure by recruiting CHMP7 and downstream ESCRT-III proteins IST1/CHMP8 and CHMP2A to the reforming NE during anaphase . During nuclear reassembly, condenses into a liquid-like coating around microtubule spindles and coassembles with CHMP7 to form a macromolecular O-ring seal at the confluence between membranes, chromatin, and the spindle to facilitate early nuclear sealing . Plays a role in the organization of heterochromatin associated with the NE and in the maintenance of NE organization under mechanical...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~57.0 kDa

Swiss-Prot:

Q8NC56

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of LEMD2 protein

DATA:

Western blot analysis of p53 expression in K562 (A), Jurkat (B), MDAMB435 (C) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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