

LEMD3 / MAN1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16611**Specification**

LEMD3 / MAN1 Antibody (C-Terminus) - Product Information

Application	IHC, IF, WB
Primary Accession	O9Y2U8
Other Accession	23592
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	99997

LEMD3 / MAN1 Antibody (C-Terminus) - Additional Information**Gene ID** 23592**Other Names**

LEMD3, MAN1, LEM domain containing 3

Target/Specificity

Human LEMD3. 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

Reconstitution & Storage

PBS, 0.02% sodium azide. Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

LEMD3 / MAN1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

LEMD3 / MAN1 Antibody (C-Terminus) - Protein Information**Name** LEMD3**Synonyms** MAN1**Function**

Can function as a specific repressor of TGF-beta, activin, and BMP signaling through its interaction with the R-SMAD proteins. Antagonizes TGF-beta-induced cell proliferation arrest.

Cellular Location

Nucleus inner membrane; Multi-pass membrane protein

Tissue Location

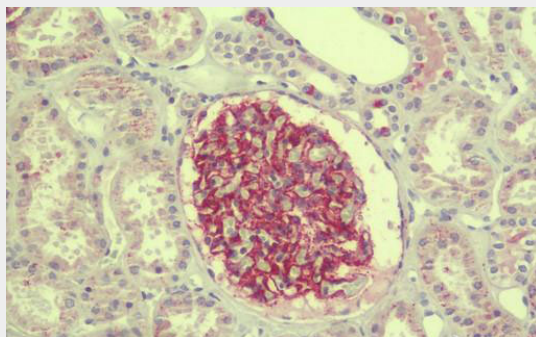
Heart, brain, placenta, lung, liver and skeletal muscle

LEMD3 / MAN1 Antibody (C-Terminus) - Protocols

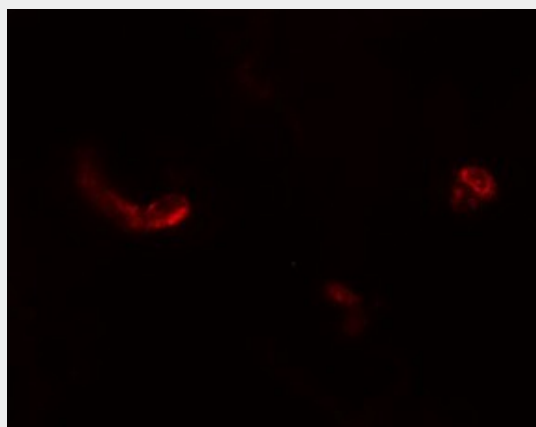
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

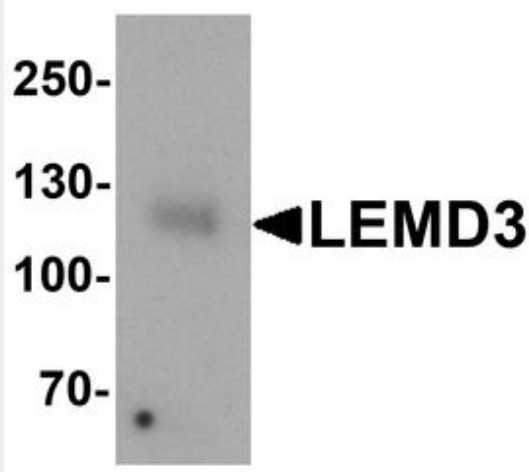
LEMD3 / MAN1 Antibody (C-Terminus) - Images



Anti-LEMD3 / MAN1 antibody IHC staining of human kidney.



Immunofluorescence of LEMD3 in human colon tissue with LEMD3 antibody at 5 µg/mL.



Western blot analysis of LEMD3 in human colon tissue lysate with LEMD3 antibody at 1 ug/ml.

LEMD3 / MAN1 Antibody (C-Terminus) - Background

Can function as a specific repressor of TGF-beta, activin, and BMP signaling through its interaction with the R-SMAD proteins. Antagonizes TGF-beta-induced cell proliferation arrest.

LEMD3 / MAN1 Antibody (C-Terminus) - References

- Lin F.,et al.J. Biol. Chem. 275:4840-4847(2000).
- Bechtel S.,et al.BMC Genomics 8:399-399(2007).
- Helleman J.,et al.Nat. Genet. 36:1213-1218(2004).
- Lin F.,et al.Hum. Mol. Genet. 14:437-445(2005).
- Pan D.,et al.J. Biol. Chem. 280:15992-16001(2005).