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LMNB1 / Lamin B1 Antibody (aa526-537)

Goat Polyclonal Antibody
Catalog # ALS16291

Specification

LMNB1 / Lamin B1 Antibody (aa526-537) - Product Information

Application	**WB, IHC**
Primary Accession	P20700
Reactivity	**Human, Rabbit, Hamster, Pig, Horse, Xenopus, Bovine, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**66kDa KDa**

LMNB1 / Lamin B1 Antibody (aa526-537) - Additional Information

Gene ID 4001

Other Names
Lamin-B1, LMNB1, LMN2, LMNB

Target/Specificity
Human LMNB1 / Lamin B1. This antibody is expected to recognize both reported isoforms (NP_005564.1; NP_001185486.1).

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
LMNB1 / Lamin B1 Antibody (aa526-537) is for research use only and not for use in diagnostic or therapeutic procedures.

LMNB1 / Lamin B1 Antibody (aa526-537) - Protein Information

Name LMNB1

Synonyms LMN2, LMNB

Function
Lamins are intermediate filament proteins that assemble into a filamentous meshwork, and which constitute the major components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane (PubMed:28716252, PubMed:32910914). Lamins provide a framework for the nuclear envelope, bridging the nuclear envelope and chromatin, thereby playing an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics (PubMed:28716252, PubMed:32910914). The

structural integrity of the lamina is strictly controlled by the cell cycle, as seen by the disintegration and formation of the nuclear envelope in prophase and telophase, respectively (PubMed:28716252, PubMed:32910914).

Cellular Location
Nucleus lamina

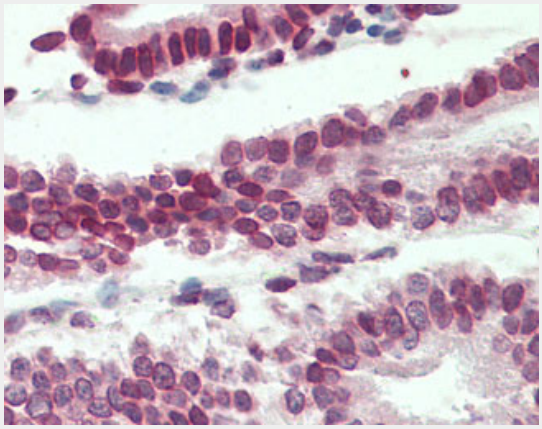
LMNB1 / Lamin B1 Antibody (aa526-537) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LMNB1 / Lamin B1 Antibody (aa526-537) - Images

LMNB1 antibody (1 ug/ml) staining of nuclear HeLa lysate (35 ug protein in RIPA buffer).



Anti-LMNB1 / Lamin B1 antibody IHC staining of human uterus.

LMNB1 / Lamin B1 Antibody (aa526-537) - Background

Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin.

LMNB1 / Lamin B1 Antibody (aa526-537) - References

Pollard K.M.,et al.Mol. Cell. Biol. 10:2164-2175(1990).
Lin F.,et al.Genomics 27:230-236(1995).
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