Monoclonal Antibodies Against Prelamin A

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INNOVATION

Researchers at UCLA have developed a rat anti-mouse monoclonal antibody against prelamin A.

The LMNA gene encodes lamin A and lamin C. Lamins are structural protein components of the nuclear lamina, a protein network underlying the inner nuclear membrane that determines nuclear shape and size. Prelamin A is the precursor to mature lamin A.

APPLICATIONS

Western, IHC, ICC

RELATED MATERIALS

- Genetic studies on the functional relevance of the protein prenyltransferases in skin keratinocytes. Hum Mol Genet. (2010).

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OTHER INFORMATION

KEYWORDS

antibody, monoclonal, lipid, lamins, nuclear membrane, Hutchinson–Gilford progeria, cardiomyopathy

CATEGORIZED AS

- **Research Tools**
  - Antibodies

RELATED CASES

2014-256-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- A New Mechanism For Hypertriglyceridemia In Humans
- Monoclonal Antibodies Against GPIHBP1
- Mouse Model for Premature Aging: Zmpste24 Knockout Mice

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