

Caspase-mediated cleavage of Lamin B1

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Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

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Literature references

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Reactome database release: 89

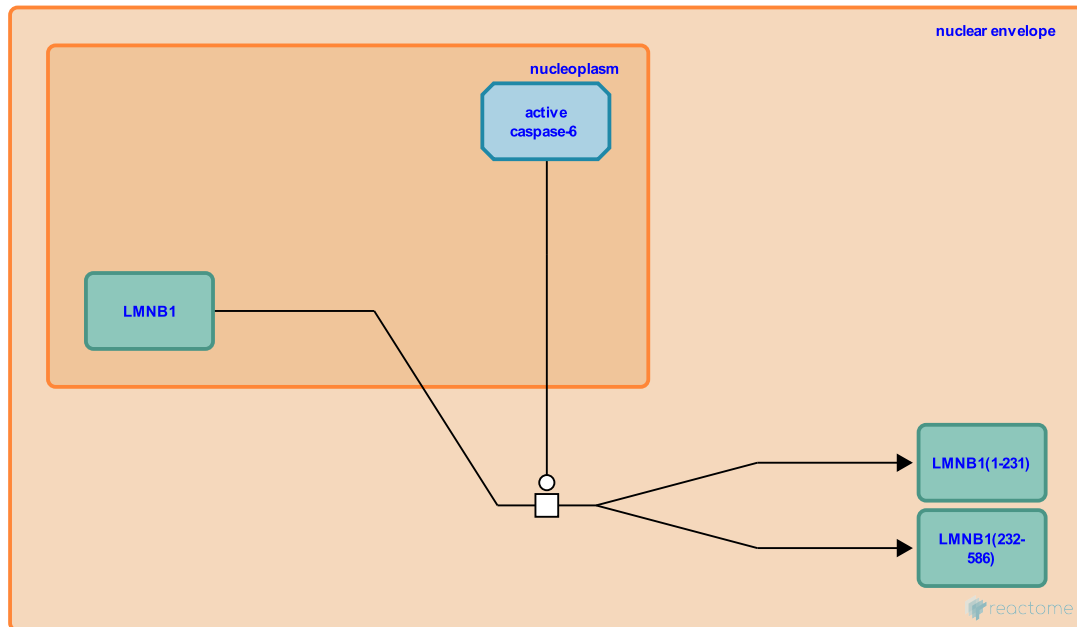
This document contains 1 reaction ([see Table of Contents](#))

Caspase-mediated cleavage of Lamin B1 [↗](#)

Stable identifier: R-HSA-264871

Type: transition

Compartments: nucleoplasm, nuclear envelope



Caspases initiate the destruction of the nucleus cleavage of lamins leads to disassembly of the nuclear lamina. Lamin B is cleaved by active caspase 6 (Orth et al., 1996) (Rao et al., 1996).

Literature references

Perez, D., Rao, L., White, E. (1996). Lamin proteolysis facilitates nuclear events during apoptosis. *J Cell Biol*, 135, 1441-55. [↗](#)

Editions

2008-04-14	Edited	Matthews, L.
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