Furin cleaves ANTXR1-bound pagA to yield pagA(197-794)

D'Eustachio, P., Leppla, SH., Liu, S., Moayeri, M., Turk, BE.
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


Reactome database release: 78

This document contains 1 reaction (see Table of Contents)
Furin or a related protease at the cell surface cleaves ANTXR1-bound pagA (Anthrax Protective Antigen, full-length). The larger cleavage product, pagA(197-794), remains bound to the receptor while a smaller product, pagA(30-196), is released into the extracellular space (Klimpel et al, 1992; Molloy et al. 1992).

**Literature references**


**Editions**

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