Myosin phosphatase dephosphorylates myosin regulatory light chain

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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


Reactome database release: 78

This document contains 1 reaction (see Table of Contents)
Myosin phosphatase dephosphorylates myosin regulatory light chain

**Stable identifier:** R-MGA-421635

**Type:** transition

**Compartments:** cytosol

The activity of the myosin light chain phosphatase in dephosphorylation of myosin light chains was first demonstrated using proteins isolated from the turkey gizzard (Pato and Kerc 1985).

**Literature references**


**Editions**

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