

Src phosphorylates RHOU

Orlic-Milacic, M., Shepelev, MV.

European Bioinformatics Institute, New York University Langone Medical Center, Ontario Institute for Cancer Research, Oregon Health and Science University.

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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: 88

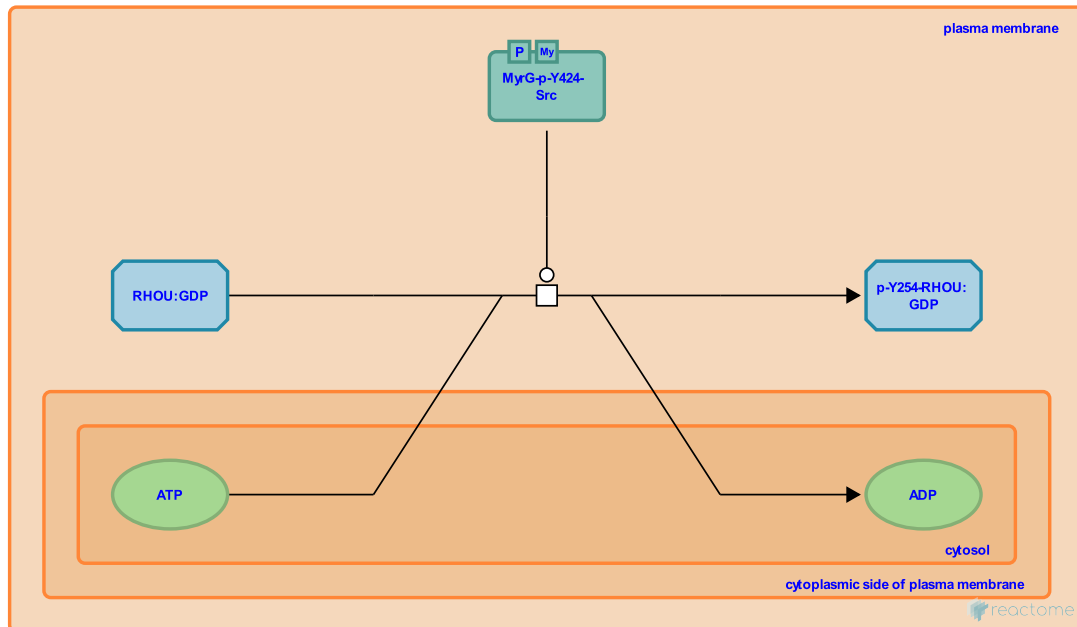
This document contains 1 reaction ([see Table of Contents](#))

Src phosphorylates RHO [↗](#)

Stable identifier: R-NUL-9726861

Type: transition

Compartments: plasma membrane, cytosol



Recombinant mouse Src phosphorylates recombinant human RHO (Wrch-1) at tyrosine residue Y254 (Alan et al. 2010).

Literature references

Graves, LM., Alan, JK., Cox, AD., Berzat, AC., Dewar, BJ. (2010). Regulation of the Rho family small GTPase Wrch-1/RhoU by C-terminal tyrosine phosphorylation requires Src. *Mol Cell Biol*, 30, 4324-38. [↗](#)

Editions

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