

# RUNX1 binds YAP1

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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: 77

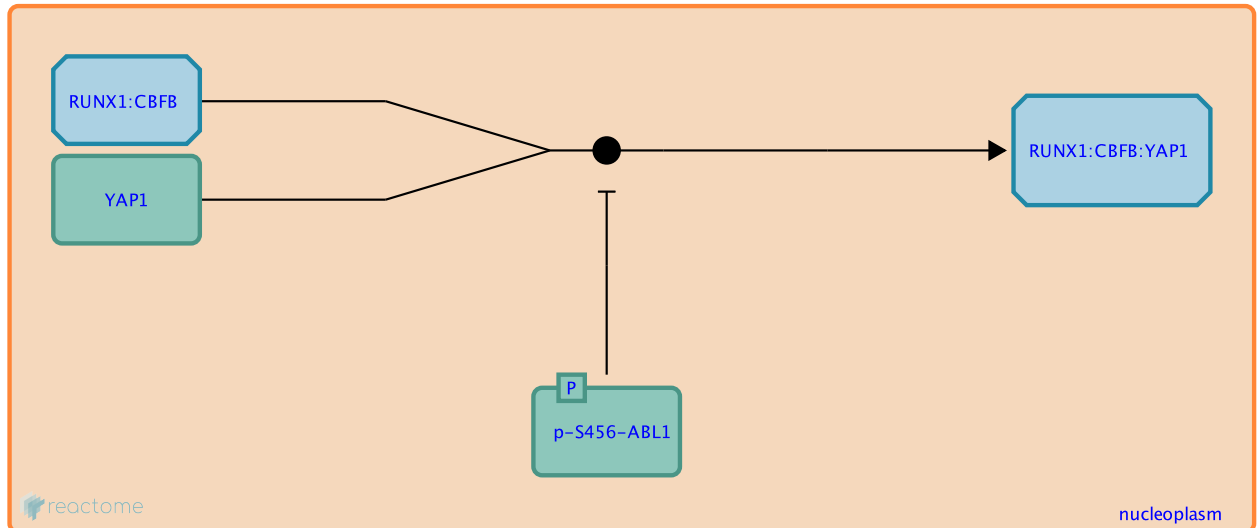
This document contains 1 reaction ([see Table of Contents](#))

## RUNX1 binds YAP1 [↗](#)

**Stable identifier:** R-HSA-8956639

**Type:** binding

**Compartments:** nucleoplasm



RUNX1, presumably in complex with CBFB, binds to YAP1 (Levy, Adamovich et al. 2008; Levy, Reuven and Shaul 2008). Phosphorylation of YAP1 by ABL1 in response to DNA damage prevents binding of YAP1 to RUNX1 (Levy, Adamovich et al. 2008).

### Literature references

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Levy, D., Adamovich, Y., Reuven, N., Shaul, Y. (2008). Yap1 phosphorylation by c-Abl is a critical step in selective activation of proapoptotic genes in response to DNA damage. *Mol. Cell*, 29, 350-61. [↗](#)

### Editions

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