Crk binds to the active PDGF receptor

Garapati, P V., Heldin, CH., Jassal, B.
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: 83

This document contains 1 reaction (see Table of Contents)
Crk binds to the active PDGF receptor

**Stable identifier:** R-HSA-382056

**Type:** binding

**Compartments:** cytosol, plasma membrane

Crk family of adaptor molecules consists of CrkI with one SH2 and one SH3 domains and CrkII and CrkL with one SH2 and two SH3 domains each. They bind to Tyr762 of the PDGF alpha-receptor and represent the only known SH2-domain containing molecule which binds with significantly higher affinity to the alpha-receptor than to the beta-receptor.

**Literature references**


**Editions**

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<td>Jassal, B., Garapati, P V.</td>
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