

AKT binds PDPK1

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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

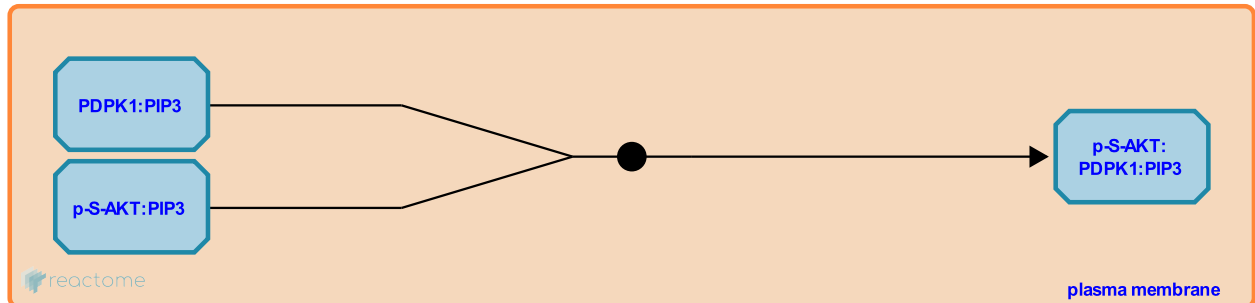
This document contains 1 reaction ([see Table of Contents](#))

AKT binds PDPK1 [↗](#)

Stable identifier: R-HSA-2317314

Type: binding

Compartments: plasma membrane



Once phosphorylated on serine residue S473, AKT bound to PIP3 forms a complex with PIP3-bound PDPK1 i.e. PDK1 (Scheid et al. 2002, Sarabassov et al. 2005)

Literature references

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Editions

2012-07-18	Authored	Orlic-Milacic, M.
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