

# Phosphorylated PKN1 binds androgen receptor (AR)

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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: 70

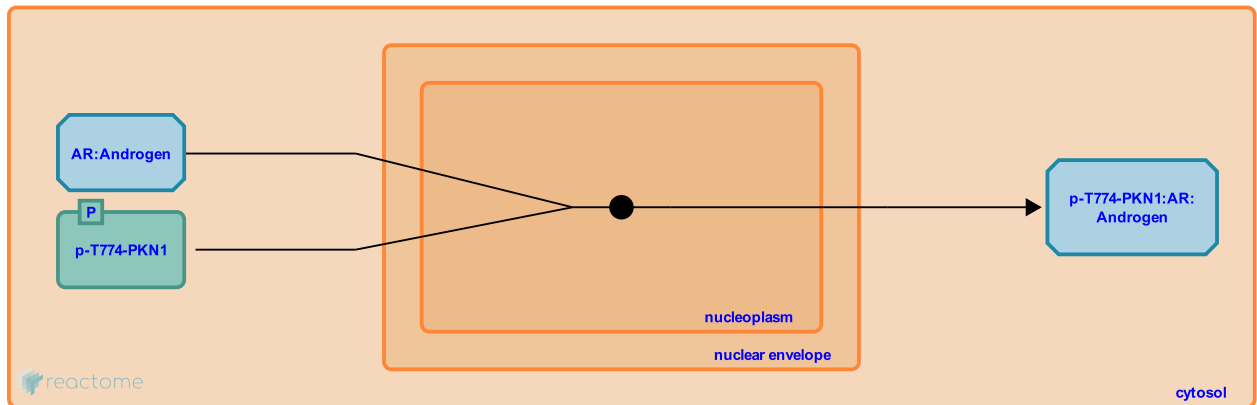
This document contains 1 reaction ([see Table of Contents](#))

## Phosphorylated PKN1 binds androgen receptor (AR) ↗

**Stable identifier:** R-HSA-5625717

**Type:** binding

**Compartments:** nucleoplasm



Activated PKN1 binds androgen-activated AR (androgen receptor) (Metzger et al. 2003).

### Literature references

Metzger, E., Müller, JM., Ferrari, S., Buettner, R., Schüle, R. (2003). A novel inducible transactivation domain in the androgen receptor: implications for PRK in prostate cancer. *EMBO J.*, 22, 270-80. ↗

### Editions

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