

WWTR1 (TAZ) binds ZO-2 (TJP2)

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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: 82

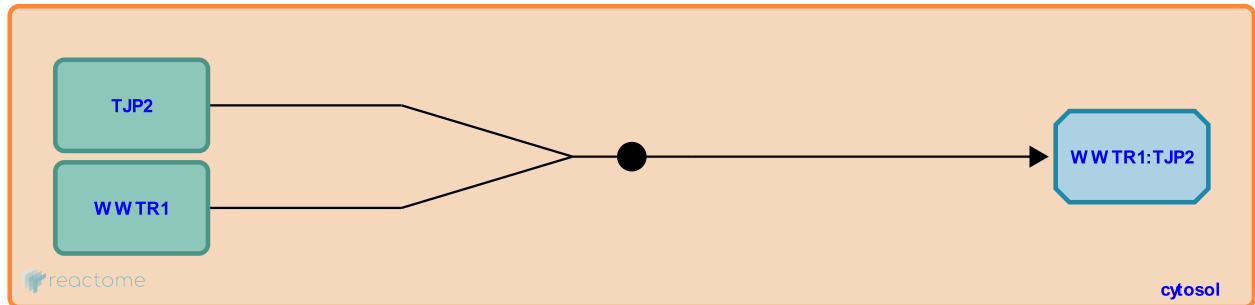
This document contains 1 reaction ([see Table of Contents](#))

WWTR1 (TAZ) binds ZO-2 (TJP2) ↗

Stable identifier: R-HSA-2064418

Type: binding

Compartments: cytosol



Cytosolic ZO-2 (TJP2) binds WWTR1 (TAZ) to form a complex. This event may play a role in sequestering WWTR1 in the cytosol (Remue et al. 2010). The phosphorylation state of the WWTR1 protein involved in this interaction has not been determined experimentally; it is inferred to be unphosphorylated.

Literature references

Meerschaert, K., Vandekerckhove, J., Remue, E., Gettemans, J., Sudol, M., Boucherie, C. et al. (2010). TAZ interacts with zonula occludens-1 and -2 proteins in a PDZ-1 dependent manner. *FEBS Lett*, 584, 4175-80. ↗

Editions

2012-01-19	Edited	D'Eustachio, P.
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