

ANKLE2 binds PP2A

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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

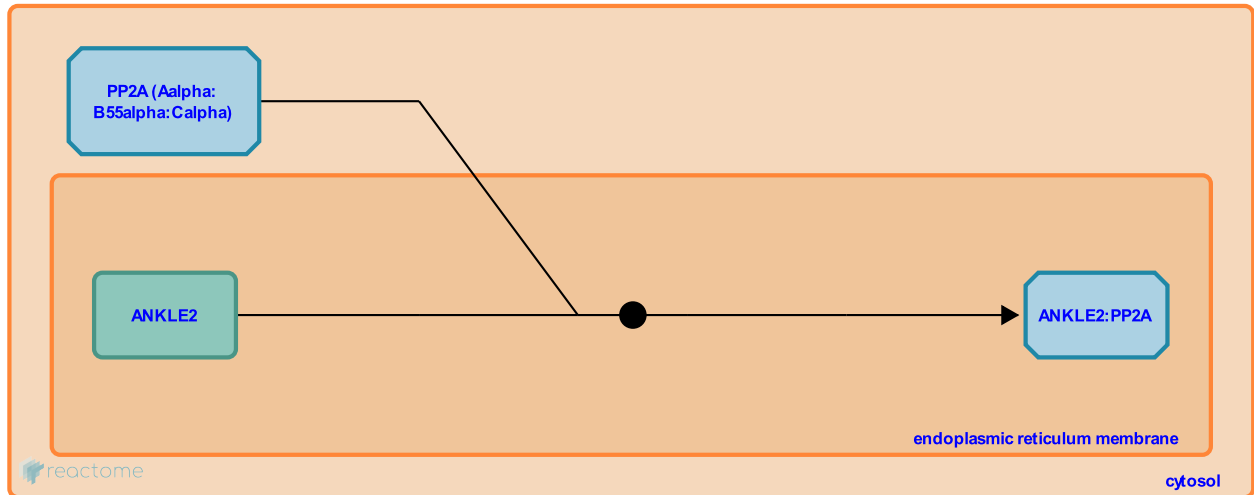
This document contains 1 reaction ([see Table of Contents](#))

ANKLE2 binds PP2A [↗](#)

Stable identifier: R-HSA-9667965

Type: binding

Compartments: cytosol, endoplasmic reticulum membrane



ANKLE2 binds the PP2A complex that contains the B55-alpha regulatory subunit and facilitates BANF1 dephosphorylation (Asencio et al. 2012).

Literature references

Wallenfang, MR., Mall, M., Davidson, IF., Santarella-Mellwig, R., Ly-Hartig, TB., Asencio, C. et al. (2012). Coordination of kinase and phosphatase activities by Lem4 enables nuclear envelope reassembly during mitosis. *Cell*, 150, 122-35. [↗](#)

Editions

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