Heterodimerization of nephrin and KIRREL2, KIRREL3

Garapati, P V., Grahammer, Florian., Huber, TB., de Bono, 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: 78

This document contains 1 reaction (see Table of Contents)

https://reactome.org
Heterodimerization of nephrin and KIRREL2, KIRREL3

Stable identifier: R-HSA-451757

Type: binding

Compartments: plasma membrane

NEPH2 and NEPH3 specifically interact with the extracellular domains of nephrin in the slit diaphragm of podocytes and potentially other tissues as well (e.g. brain). The functional significance of these interactions is unknown.

Literature references


Editions

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<td>de Bono, B., Garapati, P V.</td>
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