

Interaction of Tie2 and Grb7

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https://reactome.org

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)

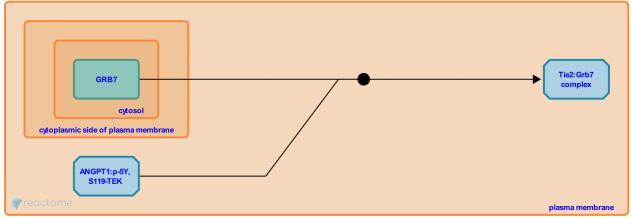
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Interaction of Tie2 and Grb7

Stable identifier: R-HSA-204773

Type: binding

Compartments: plasma membrane, cytosol



Grb7 was initially identified as an EGF receptor binding protein and thereafter many binding partners have been reported. Grb7 interacts with Tie2/Tek in a phosphotyrosine-dependent manner through its SH2 domain.

Literature references

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Han, DC., Guan, JL., Shen, TL. (2001). The Grb7 family proteins: structure, interactions with other signaling molecules and potential cellular functions. *Oncogene*, 20, 6315-21.

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Editions

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