

TRKA phosphorylates IRS

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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](#))

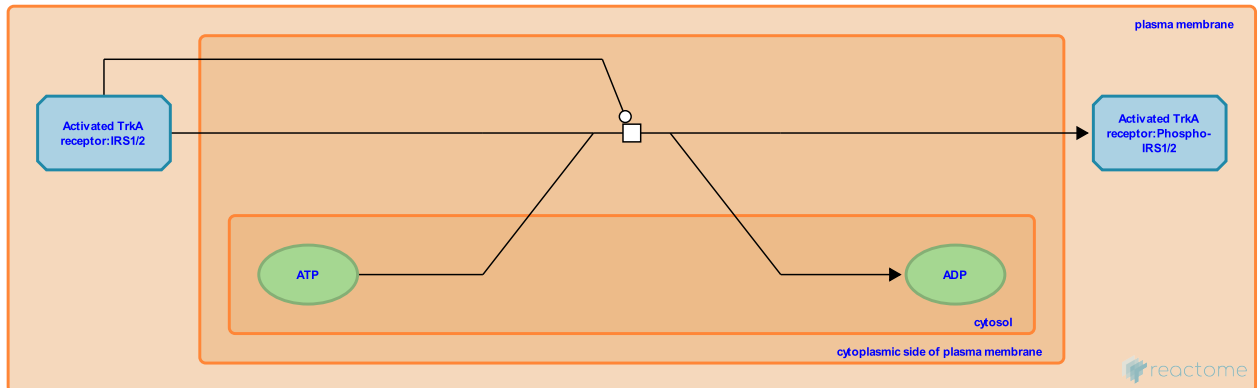
TRKA phosphorylates IRS [↗](#)

Stable identifier: R-HSA-198295

Type: transition

Compartments: cytoplasmic side of plasma membrane

Inferred from: [NTRK1 phosphorylates IRS \(Mus musculus\)](#)



IRS1 and IRS2 are tyrosine phosphorylated at multiple YXXM motifs by the active TRKA kinase (Miranda et al.2001).

Editions

2006-10-10

Authored

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2007-11-08

Reviewed

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