

p75NTR binds to NADE

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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

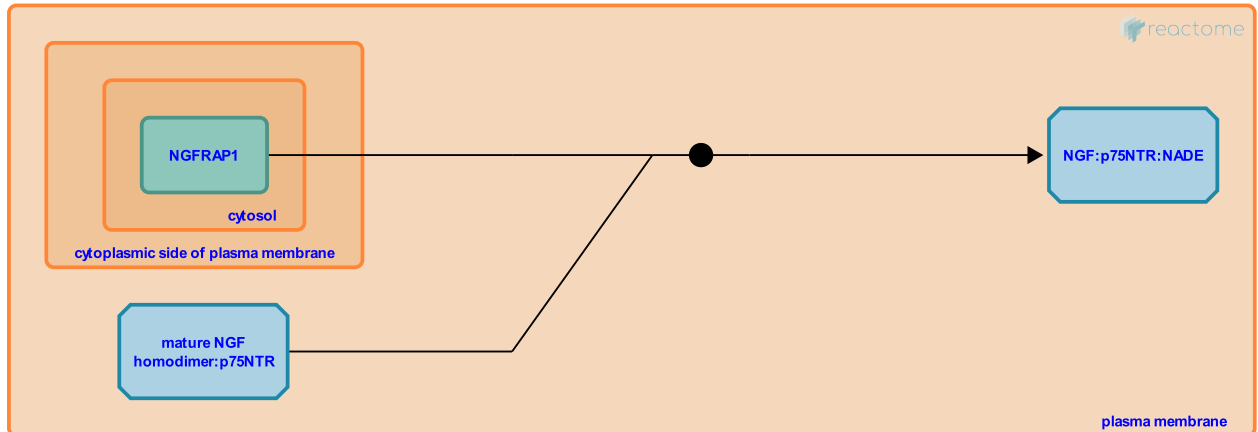
This document contains 1 reaction ([see Table of Contents](#))

p75NTR binds to NADE [↗](#)

Stable identifier: R-HSA-193650

Type: binding

Compartments: cytosol, plasma membrane



The NADE protein interacts with p75NTR to mediate cell death. The interaction is mediated by NADE NES (nuclear export signal), also responsible for self-association of NADE (Mukai J et al, 2002).

Literature references

Irie, S., Shoji-Hoshino, S., Li, Y., Hanaoka, T., Greene, LA., Suvanto, P. et al. (2000). NADE, a p75NTR-associated cell death executor, is involved in signal transduction mediated by the common neurotrophin receptor p75NTR. *J Biol Chem*, 275, 17566-70. [↗](#)

Editions

2006-10-10	Authored	Annibaldi, D., Nasi, S.
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