

p-4Y-SIRPA:CD47:SKAP2 binds FYB

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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

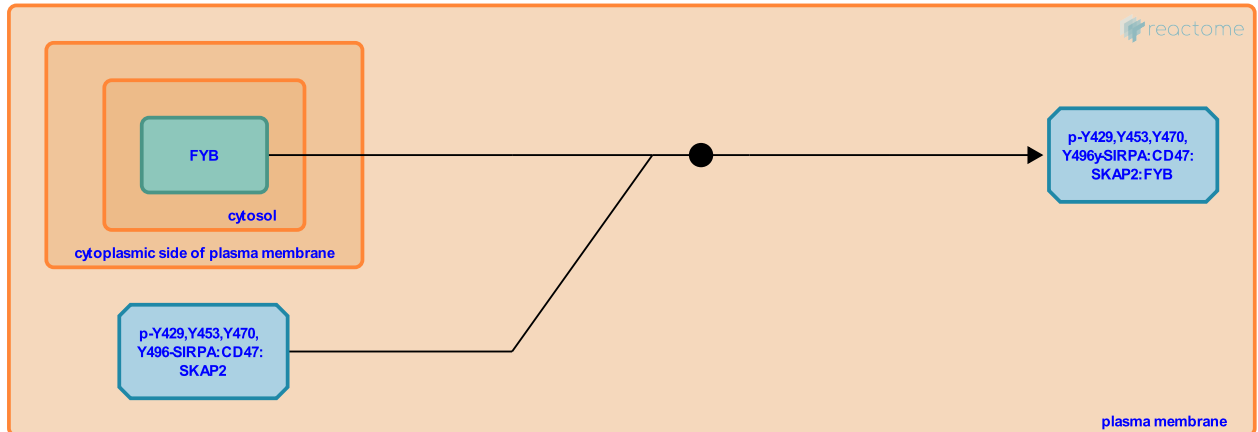
This document contains 1 reaction ([see Table of Contents](#))

p-4Y-SIRPA:CD47:SKAP2 binds FYB [↗](#)

Stable identifier: R-HSA-391151

Type: binding

Compartments: cytosol, plasma membrane



The Fyn binding protein FYB (SLAP130, ADAP) has been found to associate with SIRP alpha (SIRPA). Recruitment of FYB to SIRPA requires SKAP2.

Literature references

Timms, JF., Raab, M., Neel, BG., Marie-Cardine, A., Swanson, KD., Schraven, B. et al. (1999). SHPS-1 is a scaffold for assembling distinct adhesion-regulated multi-protein complexes in macrophages. *Curr Biol*, 9, 927-30. [↗](#)

Editions

2009-02-12	Authored, Edited	Garapati, P V.
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