Jag2 binds Notch2

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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


Reactome database release: 78

This document contains 1 reaction (see Table of Contents)

https://reactome.org
Jag2 binds Notch2

**Stable identifier:** R-MMU-2032379

**Type:** binding

**Compartments:** plasma membrane

Mouse Jag2 exogenously expressed on the surface of Chinese hamster ovary (CHO) cells binds Notch2, a predominant Notch protein on the surface of mouse BaF3 cells, inducing Notch2 cleavage and translocation of Notch2 intracellular domain (NICD2) to the nucleus (Shimizu et al. 2000).

**Literature references**


**Editions**

- **2013-01-11**  
  Authored by: Orlic-Milacic, M.
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