LRP2-mediated uptake of extracellular CUBN:GC:25(OH)D

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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: 77

This document contains 1 reaction (see Table of Contents)
Megalin (LRP2, glycoprotein 330) is a member of the low density lipoprotein receptor family and is abundant in kidney proximal tubules (Kounnas et al. 1995, Hjalm et al. 1996). LRP2 mediates the endocytic uptake of GC:25(OH)D complexes, thereby preventing the loss of 25-hydroxyvitamin D (calcidiol, 25(OH)D) in urine (Nykjaer et al. 1999, Kaseda et al. 2011).

**Literature references**


**Editions**

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