

# Binding of cAMP to HCN channels

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https://reactome.org

### 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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Reactome database release: 88

This document contains 1 reaction (see Table of Contents)

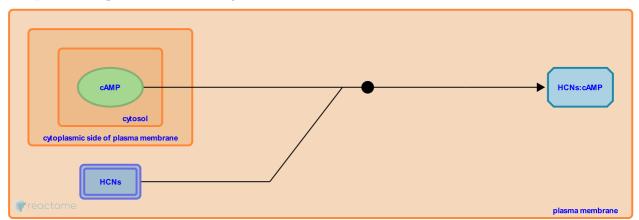
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# Binding of cAMP to HCN channels **↗**

Stable identifier: R-HSA-1297444

Type: binding

Compartments: plasma membrane, cytosol



HCN channels require cAMP binding and hyperpolarization of membrane potential for channel opening.

# Literature references

## **Editions**

2010-09-23	Reviewed	Jassal, B.
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