Maturation of nucleoprotein

European Bioinformatics Institute, New York University Langone Medical Center, Ontario Institute for Cancer Research, Oregon Health and Science University.

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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: 79

This document contains 1 pathway and 13 reactions (see Table of Contents)
Maturation of nucleoprotein

Stable identifier: R-HSA-9694631

Diseases: COVID-19

Inferred from: Maturation of nucleoprotein (Homo sapiens)

Nucleoprotein, the most abundant viral protein expressed during infection, is found in the host cell cytosol, the nucleus and plasma membrane. After phosphorylation and sumoylation it di-/tetramerizes and is moved to the Golgi, the virion budding site (Li et al, 2005; Surjit et al, 2005).

Literature references


Editions

<table>
<thead>
<tr>
<th>Date</th>
<th>Author/Editor</th>
<th>Reviewer</th>
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<tbody>
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SRPK1/2 phosphorylates nucleoprotein

Location: Maturation of nucleoprotein

Stable identifier: R-HSA-9729330