

p14ARF translocates to the nucleus

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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: 77

This document contains 1 reaction (see Table of Contents)

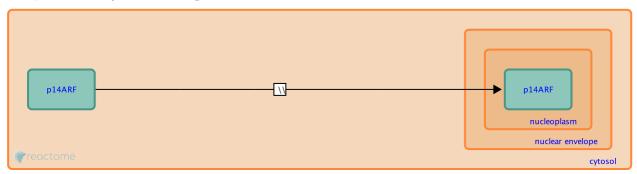
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p14ARF translocates to the nucleus **↗**

Stable identifier: R-HSA-9645672

Type: omitted

Compartments: cytosol, nucleoplasm



p14ARF is mainly localized inside the nucleus, specifically the nucleolus (Zhang and Xiong 1999, Lindstrom et al. 2000), similar to its mouse orthologue p19ARF (Tao and Levine 1999).

Literature references

Lindström, MS., Klangby, U., Inoue, R., Pisa, P., Wiman, KG., Asker, CE. (2000). Immunolocalization of human p14(ARF) to the granular component of the interphase nucleolus. *Exp. Cell Res.*, 256, 400-10. *对*

Editions

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