

De Curtis

Paris, S., Za, L., Sporchia, B., and de Curtis, I.
Analysis of the subcellular distribution of avian p95-APP2, an Arf-GAP orthologous to mammalian Paxillin Kinase Linker.
Int.J.Biochem.Cell Biol. 34: 826-837 (2002).

*Paris, S., Longhi, R., Santambrogio, P., and de Curtis, I.
Leucine Zipper-mediated Homodimerization and Heterodimerization of GIT Family p95-ADP Ribosylation Factor-GTPase Activating Protein, PIX-, Paxillin-interacting Proteins 1 and 2.
Biochem.J., 372: 391-398 (2003).

*Albertinazzi, C., Za, L., Paris, S., and de Curtis, I.
Arf6 and a functional PIX/p95-APP1 complex are required for Rac1B-mediated neurite outgrowth.
Mol.Biol.Cell, 14: 1295-1307 (2003).

Bolis, A., Corbetta, S., Cioce, A., and de Curtis, I.
Differential distribution of Rac1 and Rac3 GTPases in the developing mouse brain: implications for a role of Rac3 in Purkinje cell differentiation.
Eur.J. Neurosci. 18: 2417-2424 (2003).

McKinnell, I.W., Makarenkova, H., de Curtis, I., Turmaine, M., and Patel, K.
Feather bud development is controlled by a molecular feedback loop involving extracellular signaling molecules and the actin cytoskeleton.
Dev. Biol. 270: 94-105 (2004).

Corbetta, S., Gualdoni, S., Albertinazzi, C., Paris, S., Croci, L., Consalez, G. G., and de Curtis, I.
Generation and characterization of Rac3 knockout mice.
Mol. Cell Biol. 25: 5763-5776 (2005).

Cho, Y. J., Zhang, B., Kaartinen, V., Haataja, L., de Curtis, I., Groffen, J., and Heisterkamp, N.
Generation of rac3 Null Mutant Mice: Role of Rac3 in Bcr/Abl-Caused Lymphoblastic Leukemia.
Mol. Cell Biol. 25: 5777-5785 (2005).

de Curtis, I., and Paris, S.
Assay and properties of the GIT1/p95-APP1 ARFGAP.
Methods Enzymol. 404: 267-278 (2005).

Botrugno, O.A., Paris, S., Za, L., Gualdoni, S., Cattaneo, A., Bachi, A., and de Curtis, I.

Characterization of the endogenous GIT1-betaPIX complex, and identification of its association to membranes.

Eur. J. Cell Biol. 85:35-46 (2006).

Za L., Albertinazzi C., Paris S., Gagliani M., Tacchetti C., de Curtis I.

bPIX controls cell motility and neurite extension by regulating the distribution of GIT1.

J. Cell Sci. 119: 2654-2666 (2006).

Gualdoni S., Albertinazzi C., Corbetta S., Valtorta F., de Curtis I.

Normal levels of Rac1 are essential for dendritic, but not axonal development in hippocampal neurons.

Biol. Cell 99: 455-464 (2007).

Totaro A., Paris S., Asperti C., de Curtis I.

Identification of an intramolecular interaction important for the regulation of GIT1 functions.

Mol. Biol. Cell 18:5124-5138 (2007).

Corbetta S., D'Adamo P., Gualdoni S., Braschi S., Berardi N., de Curtis I.

Hyperactivity and novelty-induced hyperreactivity in mice lacking Rac3.

Behav. Brain Res. 186: 246–255 (2008).

de Curtis I.

Functions of Rac GTPases during neuronal development.

Dev. Neurosci. 30: 47-58 (2008).

Corbetta S, Gualdoni S, Ciceri G, Monari M, Zuccaro E, Tybulewicz VL, de Curtis I.

Essential role of Rac1 and Rac3 GTPases in neuronal development.

FASEB J. 23,: 1347-1357 (2009).