

Rab4 Gtp-Binding Proteins

[View the current Rab4 Gtp-Binding Proteins InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Rab4_Gtp-Binding_Proteins.html)

(http://www.bioportfolio.com/indepth/Rab4_Gtp-Binding_Proteins.html)



Recent Publications on Rab4 Gtp-Binding Proteins:

- [Rab4 facilitates cyclic adenosine monophosphate-stimulated bile acid uptake and Na⁺-taurocholate cotransporting polypeptide translocation.](#)
*Cyclic adenosine monophosphate (cAMP) stimulates hepatic bile acid uptake...*19th November, 2008
Department of Biomedical Sciences, Tufts Cummings School of Veterinary- Hepatology. 2008
Nov;48(5):1665-70. ([DOI Direct Link](#))
- [Formation of cholesterol-enriched structures by aberrant intracellular accumulation of ATP-binding cassette transporter A1.](#)
*ATP-binding cassette transporter A1 (ABCA1) is a key transporter...*24th October, 2008
Department of Life Sciences, Graduate School of Arts and Sciences, The- Genes Cells. 2008
Aug;13(8):889-904. ([DOI Direct Link](#))
- [Nanoscale architecture of endoplasmic reticulum export sites and of Golgi membranes as determined by electron tomography.](#)
*Cyclic adenosine monophosphate (cAMP) stimulates hepatic bile acid uptake...*15th October, 2008
Molecular Cellular and Developmental Biology, University of Colorado,- Plant Physiol. 2008
Aug;147(4):1454-68. ([DOI Direct Link](#))
- [Rab4 and Rab11 coordinately regulate the recycling of angiotensin II type I receptor as demonstrated by fluorescence resonance energy transfer microscopy.](#)
*The recycling of G-protein-coupled receptors (GPCR) to the cell surface...*17th September, 2008
Georgetown University Medical Center, Department of Pediatrics,- J Biomed Opt. 2008
May-Jun;13(3):031206. ([DOI Direct Link](#))
- [Phosphorylation state of mu-opioid receptor determines the alternative recycling of receptor via Rab4 or Rab11 pathway.](#)
*Agonist-induced phosphorylation, internalization, and intracellular...*11th September, 2008
Pharmacology Research Center, Fudan University, 138 Yi Xue Yuan Road,- Mol Endocrinol. 2008
Aug;22(8):1881-92. Epub 2008 Jun 11. ([DOI Direct Link](#))
- [Effects of atorvastatin and pravastatin on signal transduction related to glucose uptake in 3T3L1 adipocytes.](#)
*A number of patients with hyperlipidemia are prescribed...*10th September, 2008
Division of Pharmacology, Hokkaido Pharmaceutical University School of- J Pharmacol Sci. 2008
May;107(1):80-9. Epub 2008 May 9.
- [Regulation of D6 chemokine scavenging activity by ligand- and Rab11-dependent surface up-regulation.](#)
*The decoy receptor D6 plays a nonredundant role in the control of...*6th September, 2008

Istituto Clinico Humanitas, Istituti di ricovero e cura a carattere- Blood. 2008 Aug 1;112(3):493-503. Epub 2008 May 14. ([DOI Direct Link](#))

- [Disrupted RabGAP function of the p85 subunit of phosphatidylinositol 3-kinase results in cell transformation.](#)
*Rab proteins regulate vesicle fusion events during the endocytosis,...*17th July, 2008
Cancer Research Unit, Health Research Division, Saskatchewan Cancer- J Biol Chem. 2008 Jun 6;283(23):15861-8. Epub 2008 Apr 3. ([DOI Direct Link](#))
- [Volume expansion stimulates monoubiquitination and endocytosis of surface-expressed skate anion-exchanger isoform.](#)
*In hyposmotic medium, skate erythrocytes swell and then lose taurine and...*19th June, 2008
Mount Desert Island Biological Laboratory, Salsbury Cove, ME, USA.- Am J Physiol Regul Integr Comp Physiol. 2008 May;294(5):R1657-65. Epub ([DOI Direct Link](#))
- [Serotonin transamidates Rab4 and facilitates its binding to the C terminus of serotonin transporter.](#)
*The serotonin transporter (SERT) on the plasma membrane is the major...*23rd May, 2008
Department of Biochemistry and Molecular Biology, College of Medicine,- J Biol Chem. 2008 Apr 4;283(14):9388-98. Epub 2008 Jan 28. ([DOI Direct Link](#))
- [Wnt5a control of cell polarity and directional movement by polarized redistribution of adhesion receptors.](#)
*Mechanisms by which Wnt pathways integrate the organization of receptors,...*29th April, 2008
Department of Chemistry and Biochemistry, University of Colorado, Boulder,- Science. 2008 Apr 18;320(5874):365-9. ([DOI Direct Link](#))
- [NCAM is ubiquitylated, endocytosed and recycled in neurons.](#)
*The neural cell adhesion molecule NCAM plays an important role during...*8th February, 2008
Institute of Animal Sciences, Department of Biochemistry, University of- J Cell Sci. 2007 Nov 15;120(Pt 22):4035-49. Epub 2007 Oct 30. ([DOI Direct Link](#))
- [Internalization of caveolae and their relationship with endosomes in cultured human and mouse endothelial cells.](#)
*Treatment of cells with pervanadate or vanadate induces the...*25th January, 2008
Department of Anatomy and Cell Biology, Gunma University Graduate School- Anat Sci Int. 2007 Jun;82(2):82-97.
- [Endosomal abnormalities related to amyloid precursor protein in cholesterol treated cerebral cortex neuronal cells derived from trisomy 16 mice, an animal model of Down syndrome.](#)
*The CNh and CTb cell lines are derived from the cerebral cortex of normal...*14th November, 2007
ICBM, Program of Anatomy and Developmental Biology, Faculty of Medicine,- Neurosci Lett. 2007 Aug 16;423(2):172-7. Epub 2007 Aug 3. ([DOI Direct Link](#))
- [Myosin 5a is an insulin-stimulated Akt2 \(protein kinase Bbeta\) substrate modulating GLUT4 vesicle translocation.](#)
*Phosphatidylinositol 3-kinase activation of Akt signaling is critical to...*24th August, 2007
Department of Medicine (0673), University of California, San Diego, 9500- Mol Cell Biol. 2007 Jul;27(14):5172-83. Epub 2007 May 21. ([DOI Direct Link](#))

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

