

## Rab Gtp-Binding Proteins

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### Recent Publications on Rab Gtp-Binding Proteins:

- [Ypt11 functions in bud-directed transport of the Golgi by linking Myo2 to the coatamer subunit Ret2.](#)  
*A yeast class V myosin Myo2 transports the Golgi into the bud during its...*4th October, 2008  
Department of Biotechnology, University of Tokyo, Yayoi, Bunkyo-ku, Tokyo- Curr Biol. 2008 Jul 8;18(13):987-91. ([DOI Direct Link](#))
- [Osmotic regulation of Rab-mediated organelle docking.](#)  
*Osmotic gradients across organelle and plasma membranes modulate the rates...*1st October, 2008  
Department of Biochemistry, University of Washington, Seattle, Washington- Curr Biol. 2008 Jul 22;18(14):1072-7. Epub 2008 Jul 10. ([DOI Direct Link](#))
- [Direct link between Atg protein and small GTPase Rab: Atg16L functions as a potential Rab33 effector in mammals.](#)  
*Atg16L is a factor that is essential for elongation of the isolation...*30th September, 2008  
Department of Developmental Biology and Neurosciences, Graduate School of- Autophagy. 2008 Nov-Dec;4(6):824-6. Epub 2008 Jul 6.
- [A polypyrimidine tract-binding protein-dependent pathway of mRNA stability initiates with CpG activation of primary B cells.](#)  
*The mRNA encoding CD154, a critical protein involved in both humoral and...*16th September, 2008  
Department of Cell Biology and Neuroscience, Rutgers University,- J Immunol. 2008 Sep 1;181(5):3336-45.
- [Inefficient phagosome maturation in infant macrophages.](#)  
*The quantitative and qualitative differences between the immune systems of...*10th September, 2008  
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- [Modulation of intracellular trafficking regulates cell intercalation in the Drosophila trachea.](#)  
*Through intercalation, a fundamental mechanism underlying elongation...*10th September, 2008  
Institut de Biologia Molecular de Barcelona-CSIC, C/Baldiri Reixac 10,- Nat Cell Biol. 2008 Aug;10(8):964-70. Epub 2008 Jul 20. ([DOI Direct Link](#))
- [CP110 suppresses primary cilia formation through its interaction with CEP290, a protein deficient in human ciliary disease.](#)  
*Primary cilia are nonmotile organelles implicated in signaling and sensory...*6th September, 2008  
Department of Pathology and Cancer Institute, New York University School- Dev Cell. 2008 Aug;15(2):187-97. ([DOI Direct Link](#))
- [Trafficking of cGMP-dependent protein kinase II via interaction with Rab11.](#)  
*cGMP-dependent protein kinase II (cGK-II) is implicated in several...*6th September, 2008

Department of Biological Science and Technology, The University of- Biochem Biophys Res Commun. 2008 Sep 26;374(3):522-6. Epub 2008 Jul 24. ([DOI Direct Link](#))

- [Nuf, a Rab11 effector, maintains cytokinetic furrow integrity by promoting local actin polymerization.](#)  
*Plasma membrane ingression during cytokinesis involves both actin...*30th August, 2008  
Sinsheimer Laboratories, Department of Molecular, Cellular, and- J Cell Biol. 2008 Jul 28;182(2):301-13. Epub 2008 Jul 21. ([DOI Direct Link](#))
- [Ribbon modulates apical membrane during tube elongation through Crumbs and Moesin.](#)  
*Although the formation and maintenance of epithelial tubes are essential...*30th August, 2008  
Department of Cell Biology, Johns Hopkins University School of Medicine,- Dev Biol. 2008 Aug 1;320(1):278-88. Epub 2008 May 22. ([DOI Direct Link](#))
- [Membrane glycoprotein M6A promotes mu-opioid receptor endocytosis and facilitates receptor sorting into the recycling pathway.](#)  
*The interaction of mu-opioid receptor (MOPr) with the neuronal membrane...*16th August, 2008  
Department of Pharmacology and Toxicology, Otto-von-Guericke University,- Cell Res. 2008 Jul;18(7):768-79. ([DOI Direct Link](#))
- [Differential expression and activation of Rab27A in human eosinophils: relationship to blood eosinophilia.](#)  
*Eosinophil degranulation is thought to play a pathophysiological role in...*7th August, 2008  
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- [The Rab27 effector Rabphilin, unlike Granuphilin and Noc2, rapidly exchanges between secretory granules and cytosol in PC12 cells.](#)  
*Rab proteins are GTPases that transit between GTP- and GDP-bound states....*31st July, 2008  
The Physiological Laboratory, School of Biomedical Sciences, University of- Biochem Biophys Res Commun. 2008 Aug 22;373(2):275-81. Epub 2008 Jun 23. ([DOI Direct Link](#))
- [The structural basis for activation of the Rab Ypt1p by the TRAPP membrane-tethering complexes.](#)  
*The multimeric membrane-tethering complexes TRAPPI and TRAPP II share seven...*17th July, 2008  
Department of Cell Biology, Yale University School of Medicine, 333 Cedar- Cell. 2008 Jun 27;133(7):1202-13. ([DOI Direct Link](#))
- [Team effort by TRAPP forces a nucleotide fumble.](#)  
*TRAPPI is a multisubunit protein complex on the Golgi that activates the...*17th July, 2008  
Department of Biochemistry, Stanford University School of Medicine,- Cell. 2008 Jun 27;133(7):1141-3. ([DOI Direct Link](#))

## Rab Gtp-Binding Proteins Patents:



- 6908747- [Isolated human Ras-like proteins, nucleic acid molecules encoding these human Ras-like proteins, and uses thereof](#)
- 6432403- [Antibodies to polypeptides having prenylcysteine carboxyl methyltransferase activity or inhibiting activity](#)
- 5932432- [Expression library screen by prenylation of expressed proteins](#)
- 5861496- [Human squalene epoxidase](#)

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