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Rab GTPases and Membrane Trafficking

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About the ebook

Ypt/Rab GTPases form the largest branch of the Ras-related small GTPase superfamily and regulate intracellular membrane trafficking in all eukaryotes. This e-book is the first ever volume focused on the Ypt/Rab GTPases and should provide a useful resource for researchers, students and teachers interested in the field.

Contents

- ▶ Ypt/Rab GTPases and Intracellular Membrane Trafficking: An Overview
- ▶ The Golgi Gatekeepers: Ypt1-Rab1 and Ypt31/32-Rab11
- ▶ Rab6 GTPase
- ▶ Polarized Exocytosis in Yeast: Sec4p
- ▶ Masterclass with Rab3 and Rab27: Orchestrating Regulated Secretion
- ▶ Functions of Rab27a in Melanocytes and Cytotoxic T Lymphocytes
- ▶ Early Endocytosis: Rab5, Rab21, and Rab22
- ▶ Role of Rab4 in Transport through the Endosomal System

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