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# A RAB7A Phosphoswitch Coordinates Rubicon Homology Protein Regulation of PINK1/Parkin-Dependent Mitophagy - protocols

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#### **ABSTRACT**

Methods used in this paper.





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**Protocol status:** Working We use this collection and it's working

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## **FILES**



Q SEARCH

## **Protocol**



NAME

HaloTag autophagy flux assay

**VERSION 1** 

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## **Protocol**



NAME

**Pulldowns** 

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NAME

Stable cell line generation via retrovirus

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Plasmid construction

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NAME

Isothermal Titration Calorimetry of the Rubicon RH domain and Rab7

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Immunofluorescent Imaging and Analysis

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WIPI2d puncta formation assay

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NAME

Homology Modelling of Pacer RH domain in SWISS-MODEL

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NAME

Expression and Purification of RH proteins via MBP affinity tag

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## **Protocol**



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Confocal-based bead-binding

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NAME

**Rab7 Phosphorylation reaction** 

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Tissue culture of HeLa cells

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NAME

Western blotting for Rubicon and Pacer expression

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