Supplemental Figure1

A

B
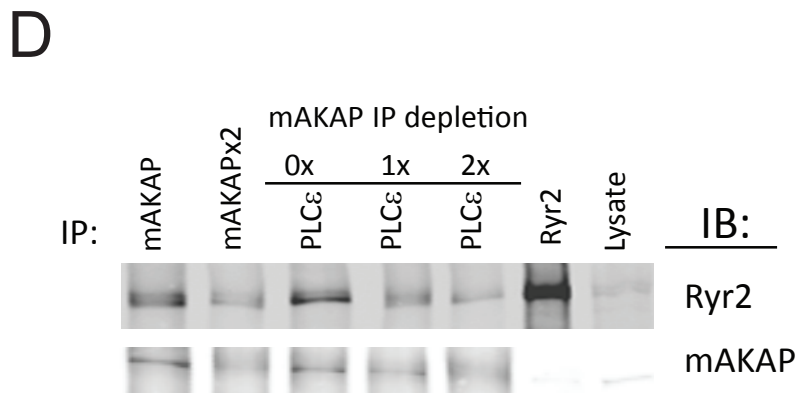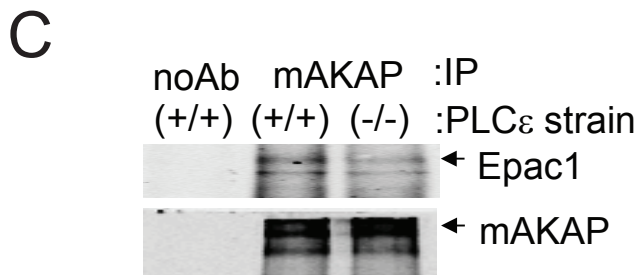

C

Figure S1 related
to Figure1

A

IP: PLCε

Trans-
fection:

PLCε | PLCε Epacl | PLCε mAKAP Epacl | Epacl

L | I | L | I | L | I | L | I

IB:Epac1

IB:PLCε

B

PLCε 50 ng | No PLCε | PLCε 50 ng

(2.5ng) | Beads | GST | Δ1-149 | FL | Δ1-149 | FL

PLCε

FL -
1-149 -

GST

C

noAb (+/+) | mAKAP (+/+) | (-/-) :IP
:PLCε strain

← Epac1

← mAKAP

D

IP: | mAKAP | mAKAPx2 | mAKAP IP depletion | | | Ryr2 | Lysate | IB:
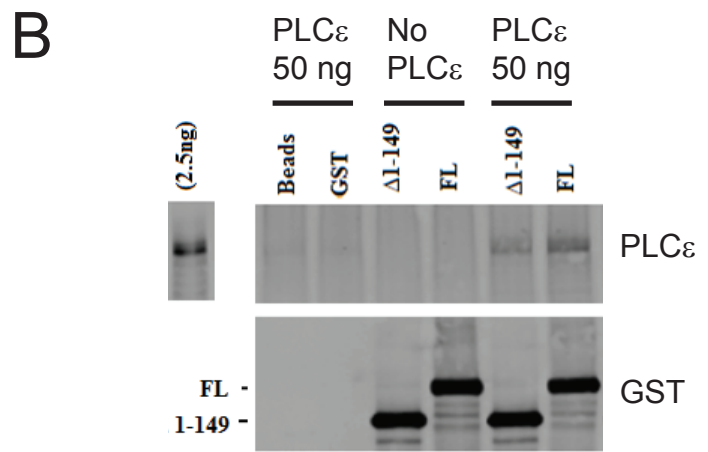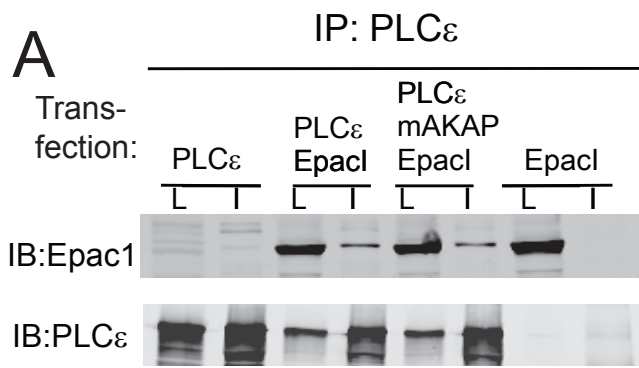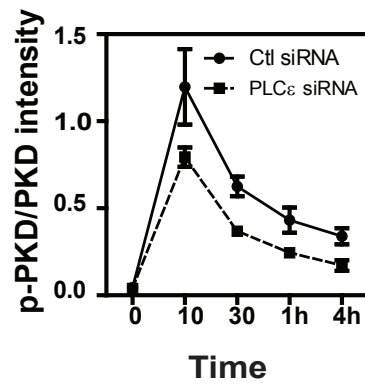| | | 0x PLCε | 1x PLCε | 2x PLCε | | |

Ryr2

mAKAP

Figure S2 related
to Figure 3

Figure S3 related
to Figure 4

A

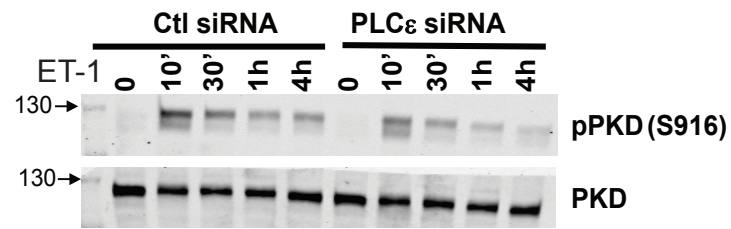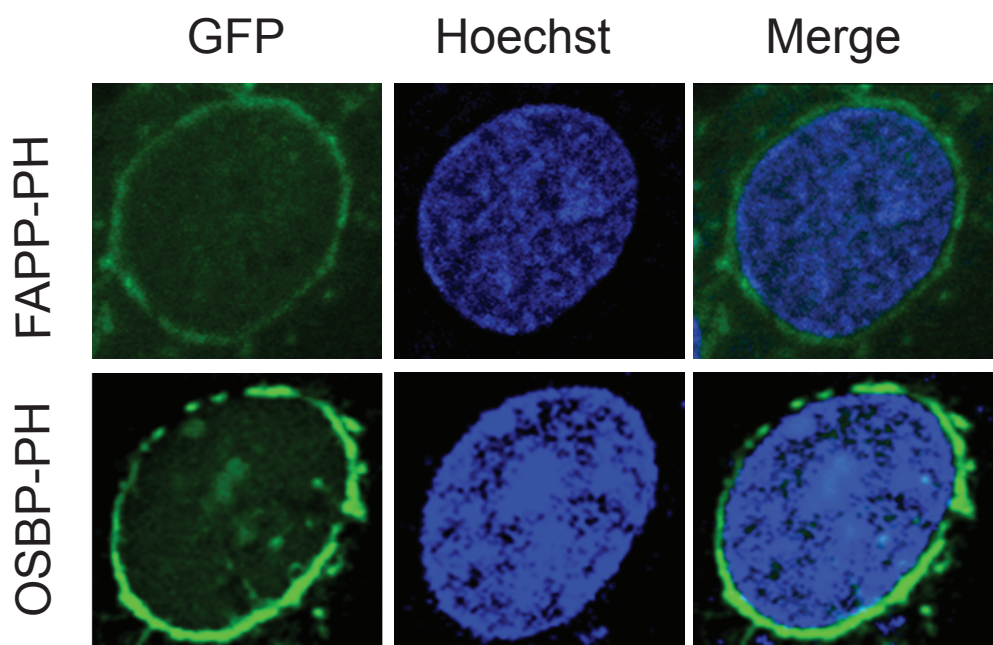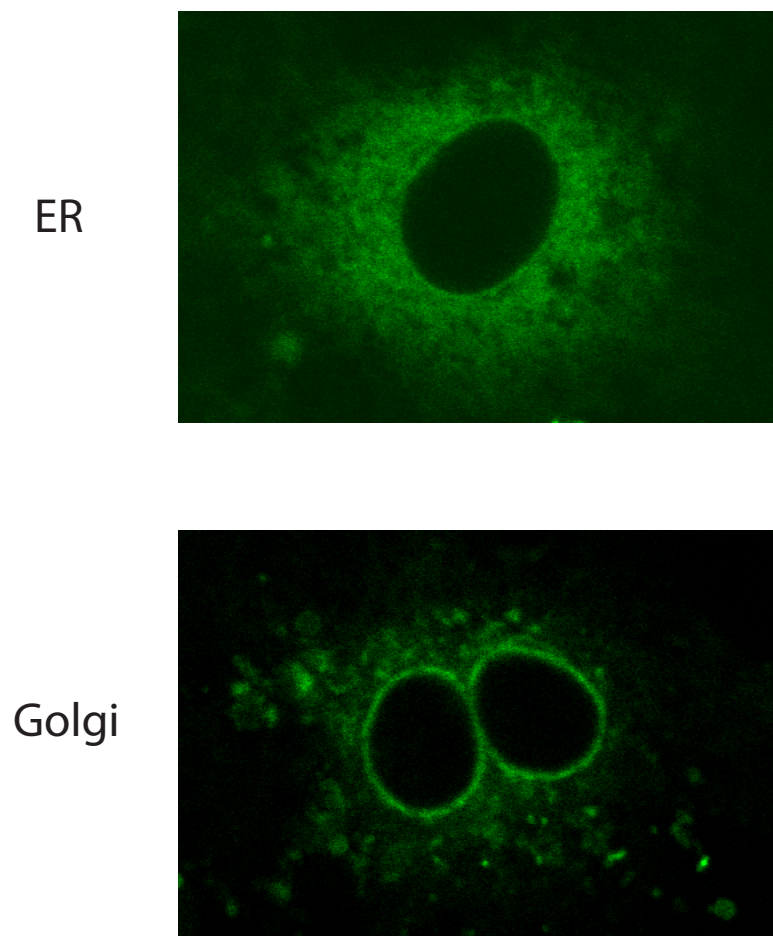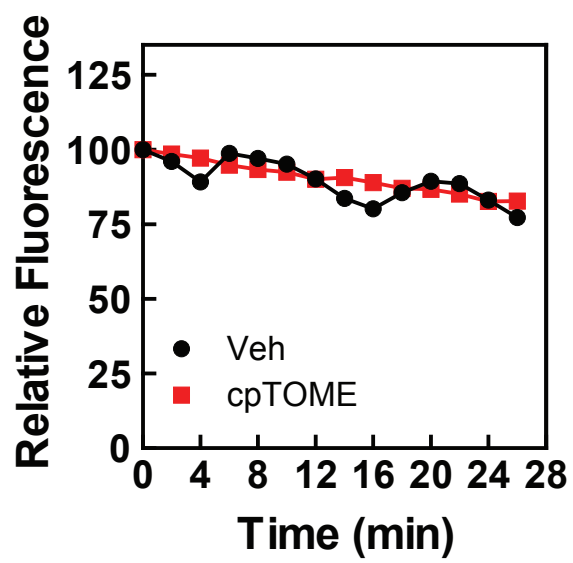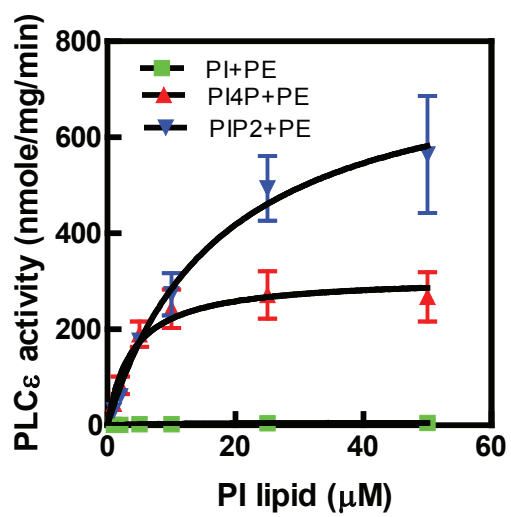|	GFP	Hoechst	Merge
FAPP-PH			
OSBP-PH			

B

ER

Golgi

Figure S4 related to Figure 6

A

B

Figure S5 related to Figure 7

A   -Rap   +Rap   Tubby GFP
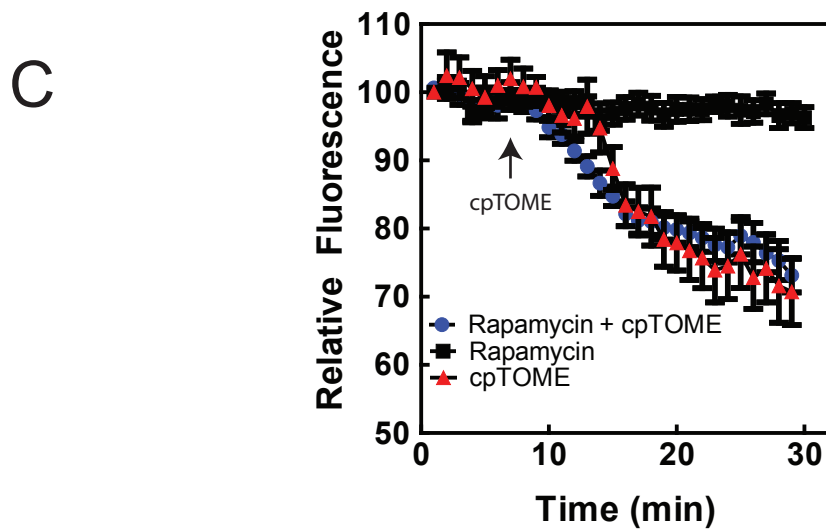
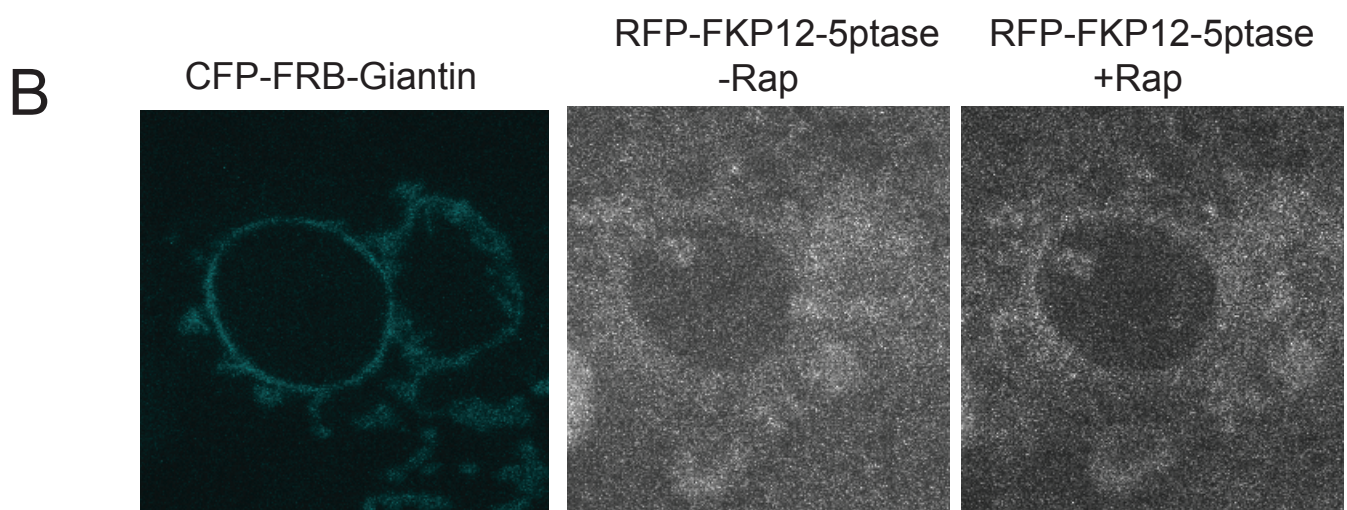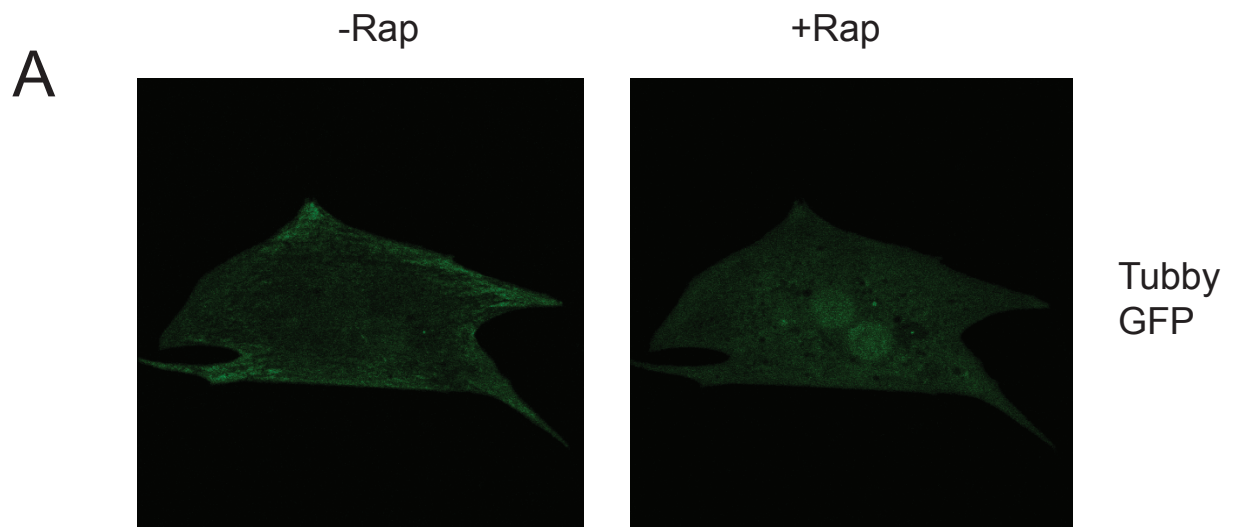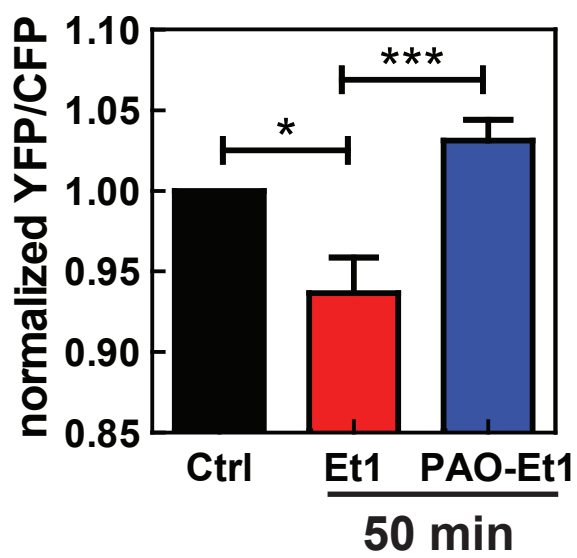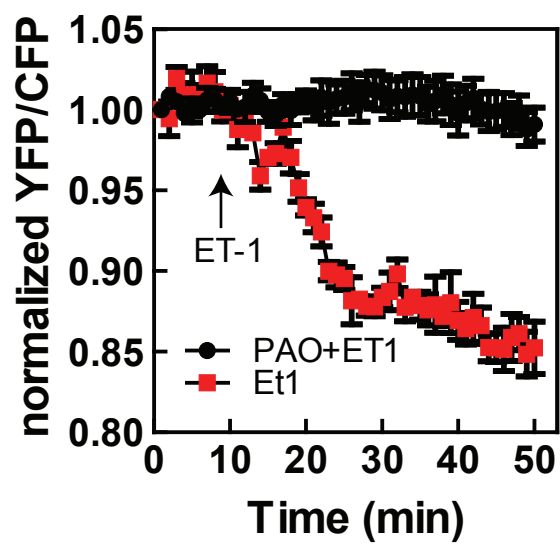B   CFP-FRB-Giantin   RFP-FKP12-5ptase -Rap   RFP-FKP12-5ptase +Rap

C

Figure S6 related to Figure 7

Figure S7 related
to Figure 7