## Source Data for Fig.4

## Fig. 4b

imaging of all samples Colorimetric image of membrane imaging without last sample pIR pIR pAKT pAKT GAPDH The falls after falls falls after all all

Membranes were cut before incubation with primary antibody using the pre-stained molecular weights as a guide. Membranes were also imaged ("Colorimetric image of membrane").

Blots used for detection of pIR and pAKT signal contained additional samples not included in the study. Detection was done with all samples ("imaging of all samples") or where the last sample was covered before imaging ("Imaging without last sample).

Bands presented in Fig. 4b are indicated by black boxes.

## Fig. 4e

Colorimetric image of membrane



Membranes were cut before incubation with primary antibody using the pre-stained molecular weights as a guide. Membranes were also imaged ("Colorimetric image of membrane"). Bands presented in Fig. 4e are indicated by black boxes.

## Fig. 4i

Colorimetric image of membran



е	imaging of all samples	i	maging without extra sample
plf	२	pIR	54 . 55 . 55" . 55" . 55" . 10" . 10"
pAK	· · · · · · · · · ·	pAKT	
GAPDI	t a s' state of a to a to		

Membranes were cut before incubation with primary antibody using the pre-stained molecular weights as a guide. Membranes were also imaged ("Colorimetric image of membrane").

Blots used for detection of pIR and pAKT signal contained additional samples not included in the study. Detection was done with all samples ("imaging of all samples") or where the extra samples were covered before imaging ("Imaging without extra sample).

Bands presented in Fig. 4i are indicated by black boxes.