

The figure consists of six Western blot panels arranged in a 2x3 grid, showing protein levels under various conditions. Each panel includes a diagram above the blot indicating the treatment groups: 'off', 'AktKO', 'Tunica', 'Bcr', 'off', 'AktKO', 'Tunica', 'Bcr'. The blots are labeled as follows:

- Top Left:** Tot-S6K (labeled 'Tot S6K' in red). A red box highlights the 'off' and 'AktKO' lanes.
- Top Middle:** P-S6K (labeled 'P-S6K' in red). A red box highlights the 'off' and 'AktKO' lanes.
- Top Right:** Actin (labeled 'Actin' in red). A red box highlights the 'off' and 'AktKO' lanes.
- Bottom Left:** Thr37-4EBP1 (labeled 'Thr37-4EBP1' in red). A red box highlights the 'off' and 'AktKO' lanes.
- Bottom Middle:** Tot-4EBP1 (labeled 'Tot-4EBP1' in red). A red box highlights the 'off' and 'AktKO' lanes.
- Bottom Right:** Actin (labeled 'Actin' in red). A red box highlights the 'off' and 'AktKO' lanes.

Handwritten notes and labels are present on each blot, including '220405' in the bottom right of each panel, and 'P-S6K' in the top right of the bottom-left panel.