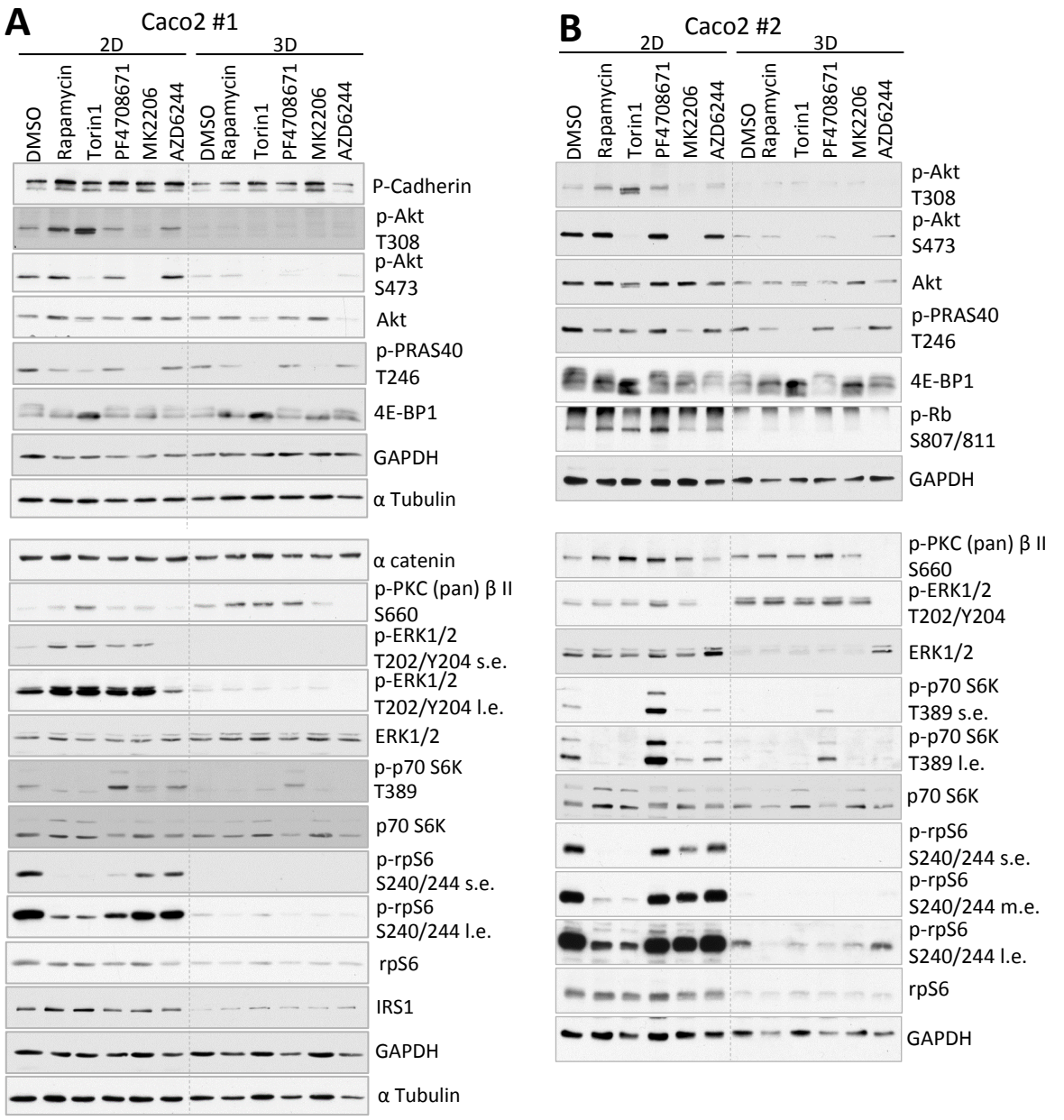

Supporting Figure SF6 - Molecular evaluation of PI3K/AKT/mTOR- and RAS/RAF/MAPK- signaling in the presence or absence of inhibitory compounds. Caco-2 colon cancer cells, grown in 2D and 3D for 24h, were treated with DMSO, which served as control, Rapamycin, the pan mTOR inhibitor Torin1, the S6K1 inhibitor PF4708671, the AKT inhibitor MK2206 and the MEK1 inhibitor AZD4266 for another 24h. Afterwards, 2D and 3D cultures were harvested and whole protein extracts were subjected for Western blot analysis of different proteins of the PI3K/AKT/mTOR- and RAS/RAF/MAPK-pathway. **A** biological replicate 1, **B** biological replicate 2. Detection of phospho-proteins is indicated by p- prior to and the phosphorylated amino acid is indicated behind the protein name. α-tubulin and GAPDH served as loading control.