1. Gocher, A. M., Azabdaftari, G., Euscher, L. M., Dai, S., Karacosta, L. G., Franke, T. F., and Edelman, A. M., (2017) Akt activation by Ca2+ /calmodulin-dependent Kinase Kinase-2 in Ovarian Cancer Cells. J. Biol. Chem., 292, 14188-14204
2. Manning, B.D. and Toker, A. (2017) AKT/PKB signaling: navigating the network. Cell 169, 381-405
3. Millis SZ, Ikeda S, Reddy S, Gatalica Z, Kurzrock R. Landscape of phosphatidylinositol-3-kinase pathway alterations across 19784 diverse solid tumors. JAMA Oncol 2016; 2: 1565–1573.
4. Mayer, I.A., and Arteaga, C.L. (2016) The PI3K/AKT Pathway as a Target for Cancer Treatment.Ann. Rev. Med. 67, 11-28
5. Janku, F., Yap, T.A., and Meric-Bernstam, F. (2018) Targeting the PI3K pathway in cancer: are we making headway? Nat. Rev. Clin. Oncol. 15, 273–291
6. Bozulic, L., Surucu, B., Hynx, D., and Hemmings, B.A. (2008) PKBa/Akt1 Acts Downstream of DNA-PK in the DNA Double-Strand Break Response and Promotes Survival. Mol. Cell 30, 203-213
7. Wang, L., Harris, T. E., and Lawrence, J. C. (2008) Regulation of prolinerich Akt substrate of 40 kDa (PRAS40) function by mammalian target of rapamycin complex 1 (mTORC1)-mediated phosphorylation. J. Biol. Chem. 283, 15619–15627
8. Williams, M.R., Arthur, J.S.C, Balendran, A., Van der Kaay, J., Poli, V., Cohen, P., and Alessi, D. R. (2000) The role of 3-phosphoinositide-dependent protein kinase 1 in activating AGC kinases defined embryonic stem cells. Curr. Biol. 10, 439-448.
9. Yano, S., Tokumitsu, H., and Soderling, T. R. (1998) Calcium promotes cell survival through CaM-K kinase activation of the protein-kinase-B pathway. Nature 396, 584–587
10. Schmitt, J.M., Smith, S., Hart, B., and Fletcher, L. (2012) CaM kinase control of AKT and LNCaP cell survival. J. Cell. Biochem. 113, 1514-1526
11. Edelman, A. M., Mitchelhill, K. I., Selbert, M. A., Anderson, K. A., Hook,S. S., Stapleton, D., Goldstein, E. G., Means, A. R., and Kemp, B. E. (1996) Multiple Ca2\_-calmodulin-dependent protein kinase kinases from rat brain. Purification, regulation by Ca2\_-calmodulin, and partial amino acid sequence. J. Biol. Chem. 271, 10806–10810
12. Kitani, T., Okuno, S., and Fujisawa, H. (1997) Molecular cloning of Ca2\_/calmodulin-dependent protein kinase kinase \_. J. Biochem. 122, 243–250
13. Anderson, K. A., Means, R. L., Huang, Q. H., Kemp, B. E., Goldstein, E. G., Selbert, M. A., Edelman, A. M., Fremeau, R. T., and Means, A. R. (1998) Components of a calmodulin-dependent protein kinase cascade. Molecular cloning, functional characterization and cellular localization of Ca2\_/calmodulin-dependent protein kinase kinase \_. J. Biol. Chem. 273, 31880–31889
14. Hurley, R. L., Anderson, K. A., Franzone, J. M., Kemp, B. E., Means, A. R.,and Witters, L. A. (2005) The Ca2\_/calmodulin-dependent protein kinase kinases are AMP-activated protein kinase kinases. J. Biol. Chem. 280, 29060–29066
15. Hawley, S. A., Pan, D. A., Mustard, K. J., Ross, L., Bain, J., Edelman, A. M., Frenguelli, B. G., and Hardie, D. G. (2005) Calmodulin-dependent protein kinase kinase-\_ is an alternative upstream kinase for AMP-activated protein kinase. Cell Metab. 2, 9–19
16. Induction of Akt Activity by Chemotherapy Confers Acquired Resistance Wei-Chien Huang,1,2\* Mien-Chie Hung1,2,3\*
17. Activation of the PI3K/Akt pathway and chemotherapeutic resistance Kip A West, S Sianna, Castillo [Phillip A Dennis](https://www.sciencedirect.com/science/article/abs/pii/S1368764602001206#!).