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On the cover, inactive Akt displays a folded structure in cytosol. Upon membrane interaction the pleckstrin homology and regulatory domains move away from the kinase domain exposing Thr³⁰⁸ and Ser⁴⁷³ for phosphorylation. When activated by phosphorylation, the pleckstrin homology domain closes, possibly enabling the separation of Akt from membrane. The regulatory domain remains open allowing substrate entry. Upon substrate binding a closed conformation is reestablished. For details, see the article by Huang and Kim, pages 1045–1053.

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