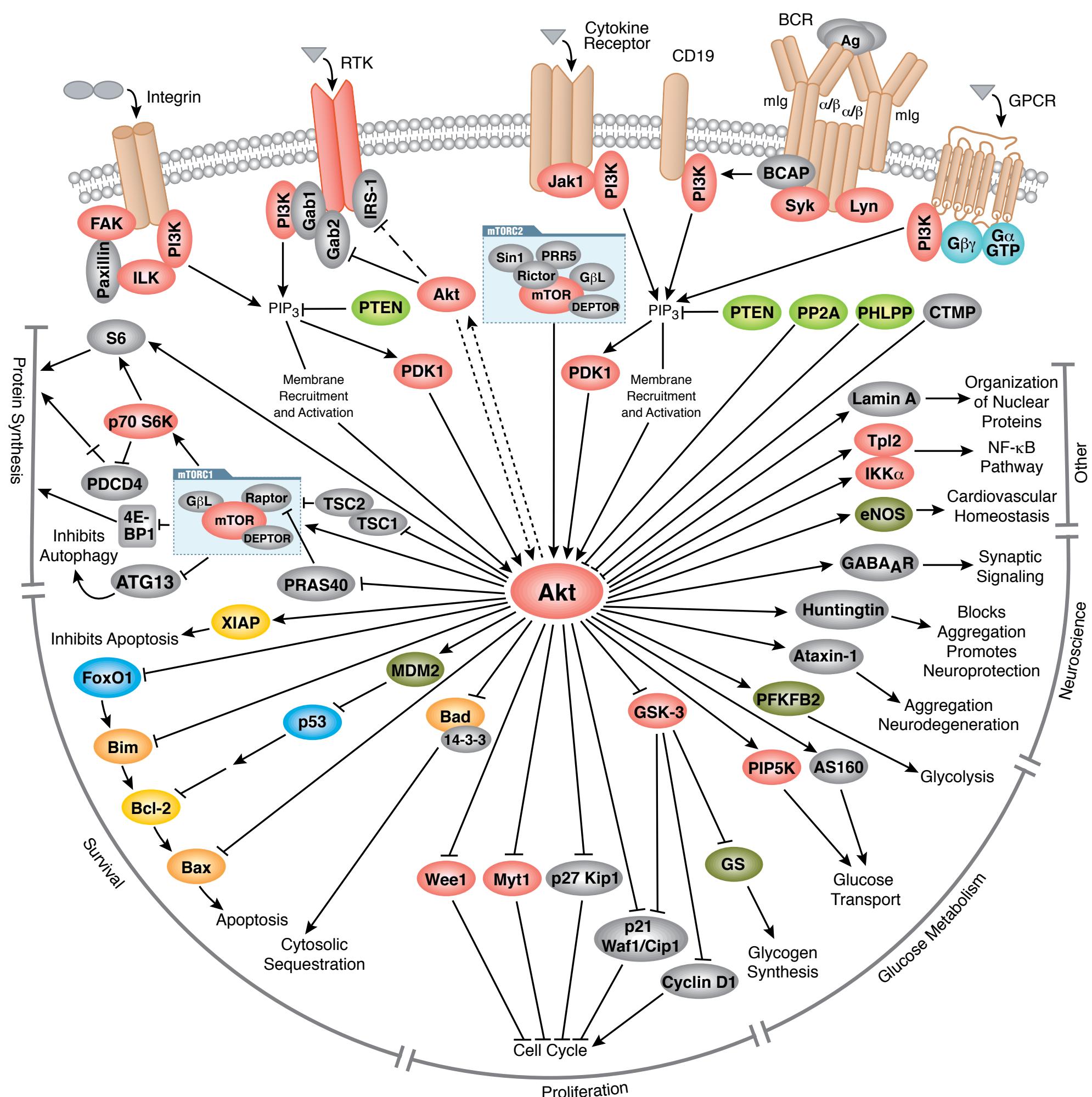


PI3 Kinase/Akt Signaling



Pathway Diagram Key

→ Direct Stimulatory Modification	→ Multistep Inhibitory Modification	→ Separation of Subunits or Cleavage Products	→ Transcriptional Inhibitory Modification	● Caspase	● pro-survival
→ Direct Inhibitory Modification	→ Tentative Stimulatory Modification	→ Joining of Subunits	→ Transcriptional Stimulatory Modification	● Receptor	● Deacetylase
→ Multistep Stimulatory Modification	→ Tentative Inhibitory Modification	→ Translocation	→ Transcriptional	● Enzyme	● Acetylase
		→ Translocation	● GTPase	● GAP/GEF	● Deacetylase
		→ Transcriptional	● Ribosomal subunit	● pro-apoptotic	● G-protein

Select Reviews

This pathway diagram and the Akt Substrates Guide have been assembled by Key Opinion Leaders in the field of Akt Signaling in collaboration with Cell Signaling Technology (CST) scientists. CST Pathways are reviewed and updated frequently to provide succinct and current overviews of selected signaling pathways. We would like to thank Prof. Michael Scheid, York University of Toronto, Ontario, for reviewing this diagram.

Please visit www.cellsignal.com/pathways to find out more.

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