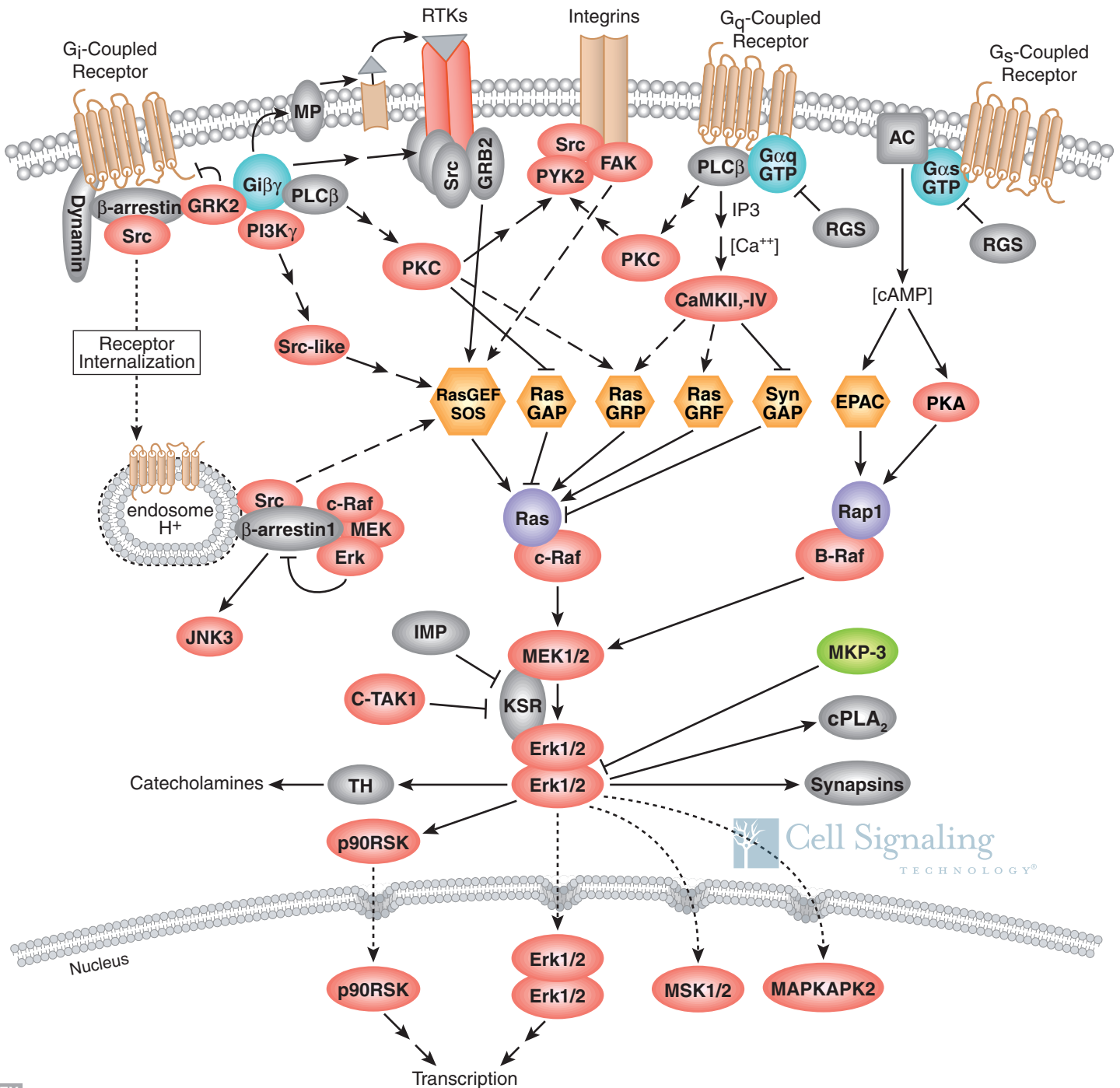


G-Protein Coupled Receptor Signaling to MAPK/ERK



KEY		
● Kinase	\longrightarrow Direct Stimulatory Modification	\longrightarrow Transcriptional Stimulation
● Phosphatase	\longrightarrow Direct Inhibitory Modification	\longrightarrow Transcriptional Inhibition
● Transcription Factor	\longrightarrow Multistep Stimulatory Modification	\longrightarrow Translocation
	\longrightarrow Multistep Inhibitory Modification	\longrightarrow Separation of Subunits or Cleavage Products
	\longrightarrow Tentative Stimulatory Modification	\longrightarrow Joining of Subunits
	\longrightarrow Tentative Inhibitory Modification	