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RSXpSXP Motif

National Cancer Institute

Source

National Cancer Institute. *RSXpSXP Motif*. NCI Thesaurus. Code C13975.

The 14-3-3 family of proteins mediates signal transduction by binding to phosphoserine-containing proteins. RSXpSXP Motif is one of two different binding motifs that are present in nearly all known 14-3-3 binding proteins. The 14-3-3 dimer binds tightly to single molecules containing tandem repeats of phosphoserine motifs, implicating bidentate association as a signaling mechanism with molecules such as Raf, BAD, and Cbl. (from OMIM)