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The connexin 43 C-terminus: A tail of many tales

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Abbreviations: Akt, protein kinase B; CCN, CYR61/connective tissue growth factor/nephroblastoma overexpressed; CDK1, cyclin-dependent kinase 1; CIP75, Cx43-interacting protein of 75 kDa; CIP85, Cx43-interacting protein of 85-kDa; CK1, casein kinase 1; Csk, C-terminal c-Src kinase; CT, C-terminal/C-terminus; Cx, connexin; Drebrin, developmentally regulated brain protein; EGF, epidermal growth factor; Eps15, epidermal growth factor receptor substrate 15; ERAD, endoplasmic reticulum-associated degradation; ESCRT, endosomal sorting complex required for transport; GJIC, gap junctional intercellular communication; GPCRs, G protein-coupled receptors; hDlg, human discs large; Hrs, hepatocyte growth factor-regulated tyrosine kinase substrate; Hsc70, heat shock cognate protein 70; kDa, kilodalton; MAPK, mitogen-activated protein kinase; NEDD4, neural precursor cell-expressed developmentally downregulated gene 4; NMR, nuclear magnetic resonance; ODDD, oculo-dento-digital dysplasia; PDGF, platelet-derived growth factor; PKA, protein kinase A; PKC, protein kinase C; PTEN, phosphatase and tensin homolog; PTH, parathyroid hormone; SUMO, small ubiquitin-related modifier; TC-PTP, T cell protein tyrosine phosphatase; TPA, 12-O-tetradecanoylphorbol-13-acetate; Tsg101, tumour susceptibility gene 101 protein; TYK2, tyrosine kinase 2; ZO-1, zonula occludens-1.

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