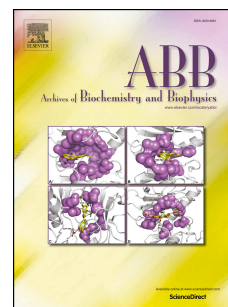


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Functions and dysfunctions of Ca²⁺/calmodulin-dependent protein kinase phosphatase (CaMKP/PPM1F) and CaMKP-N/PPM1E

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Abbreviations: A β , amyloid β ; AD, Alzheimer's disease; AMPK, AMP-activated protein kinase; CaMK, Ca²⁺/calmodulin-dependent protein kinase; CaMKP, Ca²⁺/calmodulin-dependent protein kinase phosphatase; GAPDH, glyceraldehyde-3-phosphate dehydrogenase; GWAS, genome-wide association studies; HCC, hepatocellular carcinoma; KAP, KIF-associated protein; LPS, lipopolysaccharide; MAPK, mitogen-activated protein kinase; miRNA, microRNA; MUP, 4-methylumbelliferyl phosphate; PAK, p21-activated protein kinase; Pcdh, protocadherin; SNP, single nucleotide polymorphism; TAC, transverse aortic constriction; TGCT, testicular germ cell cancer.

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