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Anti-Human/Mouse/Rat CDK5 Polyclonal Antibody

多克隆抗体

产品货号: PA11720

第三版

描述: Cell division protein kinase 5 is an enzyme that in humans is encoded by the CDK5 gene. The protein encoded by this gene is part of the cyclin-dependent kinase family. CDK5 is required for proper development of the brain and to be activated, CDK5 must associate with CDK5R1 or CDK5R2. Cdk5 is involved in the processes of neuronal maturation and migration, phosphorylating the key intracellular adaptor of the reelin signaling chain. Experiments performed on mice lacking p35, a necessary activator of cdk5 in early brain development, showed that the normal layering of neurons was reversed in the cortex. This disrupted lamination again implicated cdk5 in neuronal migration and plasticity. Cdk5 is also involved in the regulation of synaptic vesicle exocytosis via phosphorylation of munc-18.

抗原: Recombinant protein of human CDK5

配方:

如何使用: 加1ml超纯水重溶

稳定性: -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

稀释液: PBS (pH7.4) ， 1% BSA

应用: WB 1 ~ 5 μ g/ml.

特异性: Isoform 1 is ubiquitously expressed. Accumulates in cortical neurons (at protein level). Isoform 2 has only been detected in testis, skeletal muscle, colon, bone marrow and ovary.