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CDK5R1 Rabbit pAb

货号: **AYP10760**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	34kDa
实测分子量	25KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SH-SY5Y,HeLa(negative),Mouse brain,Rat brain
细胞定位	Cell membrane,Cytoplasm,Cytoplasmic side,Lipid-anchor,Nucleus,perinuclear region
纯化	Affinity purification

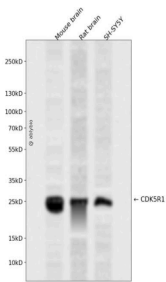
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 99-307 of human CDK5 R1 (NP_003876.1).
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靶点信息

研究背景	The protein encoded by this gene (p35) is a neuron-specific activator of cyclin-dependent kinase 5 (CDK 5); the activation of CDK5 is required for proper development of the central nervous system. The p35 form of this protein is proteolytically cleaved by calpain, generating a p25 form. The cleavage of p35 into p25 results in relocalization of the protein from the cell periphery to nuclear and perinuclear regions. P25 de regulates CDK5 activity by prolonging its activation and changing its cellular location. The p25 form accumulates in the brain neurons of patients with Alzheimer's disease. This accumulation correlates with an increase in CDK5 kinase activity, and may lead to aberrantly phosphorylated forms of the microtubule-associated protein tau, which contributes to Alzheimer's disease.
基因ID	8851
基因名	CDK5R1
Swiss	Q15078 (https://www.uniprot.org/uniprotkb/Q15078/entry)
别名	CDK5R1,CDK5P35,CDK5R,NCK5A,p23,p25,p35,p35nck5a,CDK5R1 Rabbit pAb,Cyclin-dependent kinase 5 regulatory subunit 1,TPKII regulatory subunit,Tau protein kinase II 23 kDa subunit

产品验证



Western blot analysis of CDK5R1 expressed in Mouse brain,Rat brain,SH-SY5Y using CDK5R1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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