

# CDK5R1 Antibody

货号: **AYP5282**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF:</b> 1:50 - 1:200
理论分子量	34kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,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	Synthesized peptide derived from Human CDK5R1.
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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 (CDK5); 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 deregulates 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
别名	CDK5R1;CDK5P35;CDK5R;NCK5A;p23;p25;p35;p35nck5a

产品验证

实验步骤

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