p35 (1Q16) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01278

Product information

产品货号	HZ-YMA01278
别名	CDK5R1;CDK5R;NCK5A;Cyclin-dependent kinase 5 activator 1;CDK5 activator 1;Cyclin -dependent kinase 5 regulatory subunit 1;TPKII regulatory subunit;[Cleaved into: Cyclin-dependent kinase 5 activator 1, p35;p35;Cyclin-dependent kinase 5 activa tor 1, p25;p25;Tau protein kinase II 23 kDa subunit;p23;]
产品名称	p35 (1Q16) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	CDK5R1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	8851
Human Swissprot No.	Q15078
稀释度	IHC-P 1:200-1:1000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000 -1:20000;
参考分子量	34kDa
预测分子量	34kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not l ower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	The protein encoded by this gene (p35) is a neuron-specific activator of cyclin-d ependent kinase 5 (CDK5); the activation of CDK5 is required for proper developm ent of the central nervous system. The p35 form of this protein is proteolyticall y 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 perinucl ear regions. P25 deregulates CDK5 activity by prolonging its activation and chan ging its cellular location. The p25 form accumulates in the brain neurons of pati ents with Alzheimer's disease. This accumulation correlates with an increas e in CDK5 kinase activity, and may lead to aberrantly phosphorylated forms of th e microtubule-associated protein tau, which contributes to Alzheimer's dise ase. [provided by RefSeq, Jul 2008],
细胞定位	[Cyclin-dependent kinase 5 activator 1, p35]: Cell membrane ; Lipid-anchor ; Cyto plasmic side . Cell projection, neuron projection . In the primary cortical neuron s, p35 is present in the peripheries and nerve terminals. .; [Cyclin-dependent ki nase 5 activator 1, p25]: Nucleus . Cytoplasm, perinuclear region . Perikaryon . T he conversion of p35 to p25 relocalizes the protein from the cell periphery to th e cytoplasm, in nuclear and perinuclear regions (PubMed:18507738). In the primary cortical neurons, p25 is primarily concentrated in the cell soma and is largely a bsent from neurites (PubMed:18507738). .
Clonality	Monoclonal