

CDK5 (9N6) Rabbit Monoclonal Antibody

Catalog# UZ-MA00875

Product information

产品货号	UZ-MA00875
别名	CDK5; CRK6; Cell division protein kinase 5; EC 2.7.11.22; PSSALRE; TAU protein kinase II catalytic subunit; TPKII catalytic subunit; Tau protein kinase II catalytic subunit; kinase Cdk5;
产品名称	CDK5 (9N6) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	CDK5
推荐应用	WB,IF-ICC,FCM,IP
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	1020
Human Swissprot No.	Q00535
免疫原	A synthetic peptide of human CDK5
稀释度	WB 1:1000, IF-ICC 1:50, FCM 1:20, IP 1:20
参考分子量	33kDa
预测分子量	33kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	CDK5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
细胞定位	[Isoform 1]: Cytoplasm. Cell membrane; Peripheral membrane protein. Perikaryon. Cell projection, lamellipodium. Cell projection, growth cone. Cell junction, synapse, postsynaptic density. Note=In axonal growth cone with extension to the peripheral lamellipodia (By similarity). Under neurotoxic stress and neuronal injury conditions, CDK5R (p35) is cleaved by calpain to generate CDK5R1 (p25) in response to increased intracellular calcium. The elevated level of p25, when in complex with CDK5, leads to its subcellular misallocation as well as its hyperactivation. Colocalizes with CTNND2 in the cell body of neuronal cells, and with CTNNB1 in the cell-cell contacts and plasma membrane of undifferentiated and differentiated neuroblastoma cells. Reversibly attached to the plasma membrane in an inactive form when complexed to dephosphorylated p35 or CDK5R2 (p39), p35 phosphorylation releases this attachment and activates CDK5.
Clonality	Monoclonal