

Product Name: Phospho-CDK5 (Tyr15) Rabbit Polyclonal Antibody
Catalog #: APRab00933

Summary

Production Name	Phospho-CDK5 (Tyr15) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	CDK5 Cdk 5; Cdk5; CDK5_HUMAN; Cell division protein kinase 5; Crk6; Cyclin dependent kinase 5; Cyclin-dependent kinase 5; Protein kinase CDK5 splicing; PSSALRE; Serine threonine protein kinase PSSALRE; Serine/threonine-protein kinase PSSALRE; Tau protein kinase II catalytic subunit; TPKII catalytic subunit.
Alternative Names	
Gene ID	1020
SwissProt ID	Q00535

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 33 kDa; Observed MW: 33 kDa

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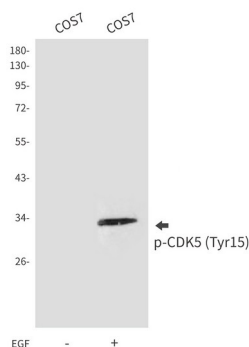
Background

Activated by cyclins but by p35 (CDK5R1) and p39. An important regulator of neuronal positioning during brain development. May also play a role in synaptogenesis and neurotransmission. Substrates include TAU, MAP2, NF-H and -M, Nudel, PDE6, beta-catenin, amphiphysin, dynamin I, synapsin 1, Munc-18, and NMDA receptor 2A. Plays a role in myogenesis, haematopoietic cell differentiation, spermatogenesis, insulin secretion, and lens differentiation.

Research Area

Cell Biology

Image Data



Western blot analysis of Phospho-CDK5 (Tyr15) in COS7 lysates using Phospho-CDK5 (Tyr15) antibody.

Note

For research use only.