

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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	CDK5
Alternative Names	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.
Gene ID	1020
SwissProt ID	Q00535
Immunogen	A synthetic Phosphorylated peptide corresponding to residues target protein

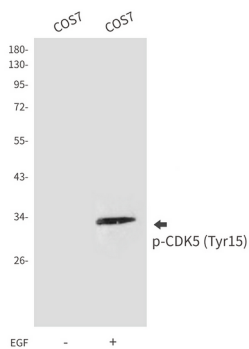
Background

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.