

**Phospho-CDK5 (Tyr15) polyclonal antibody**

Catalog: BZ16320

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 33 kDa; Observed MW: 33 kDa

**Swiss-Prot:**

Q00535

**Purification&Purity:**

Affinity Purified

**Applications:**

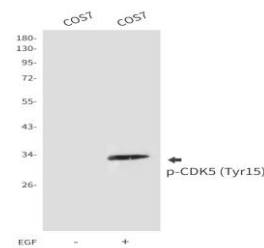
WB: 1/500-1/1000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

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

**Note:**

For research use only, not for use in diagnostic procedure.

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