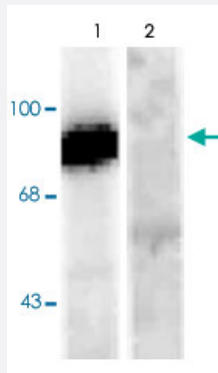


Dynamin (phospho S778) polyclonal antibody

Catalog # PAB9698 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of rat hippocampal lysate stimulated with forskolin showing specific immunolabeling of the ~95k Dynamin phosphorylated at Ser778 (Control, lane 1). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: lambda-Ptase, lane 2). The blot is identical to the control except that it was incubated in lambda-Ptase (1200 units for 30 min) before being exposed to the Dynamin (phospho S778) polyclonal antibody (Cat # PAB9698). The immunolabeling is completely eliminated by treatment with lambda-Ptase.

Specification

Product Description	Sheep polyclonal antibody raised against synthetic phosphopeptide of dynamin.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S778 of rat dynamin.
Host	Sheep
Theoretical MW (kDa)	95
Reactivity	Bovine, Chicken, Dog, Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)

Storage Instruction

Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Applications

- **Western Blot (Tissue lysate)**

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Publication Reference

- [Cdk5 is essential for synaptic vesicle endocytosis.](#)

Tan TC, Valova VA, Malladi CS, Graham ME, Berven LA, Jupp OJ, Hansra G, McClure SJ, Sarcevic B, Boadle RA, Larsen MR, Cousin MA, Robinson PJ.

Nature Cell Biology 2003 Aug; 5(8):701.

Application: IF, WB-Re, Rat, B104 rat brain neuroblastoma cells, Recombinant protein

- [Dynamin-dependent and dynamin-independent processes contribute to the regulation of single vesicle release kinetics and quantal size.](#)

Graham ME, O'Callaghan DW, McMahon HT, Burgoyne RD.

PNAS 2002 May; 99(10):7124.

- [Sweeping model of dynamin activity. Visualization of coupling between exocytosis and endocytosis under an evanescent wave microscope with green fluorescent proteins.](#)

Tsuboi T, Terakawa S, Scalettar BA, Fantus C, Roder J, Jeromin A.

The Journal of Biological Chemistry 2002 May; 277(18):15957.