



synapsin (Phospho-Ser9) Antibody

E11-7233A

Catalog Number: E11-7233A

Amount: 100 μ g/100 μ l

Swiss-Prot No.: P17600

All Names: SYN1, Synapsin-1

All Sites: Human: Ser9; Mouse: Ser9; Rat: Ser9

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20 °C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human synapsin around the phosphorylation site of serine 9 (R-L-S^P-D-S).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: synapsin (phospho-Ser9) antibody detects endogenous levels of synapsin only when phosphorylated at serine 9. The antibody is expected to recognize phosphorylated serine 9 of all synapsin isoforms.

Reactivity: Human, Mouse, Rat

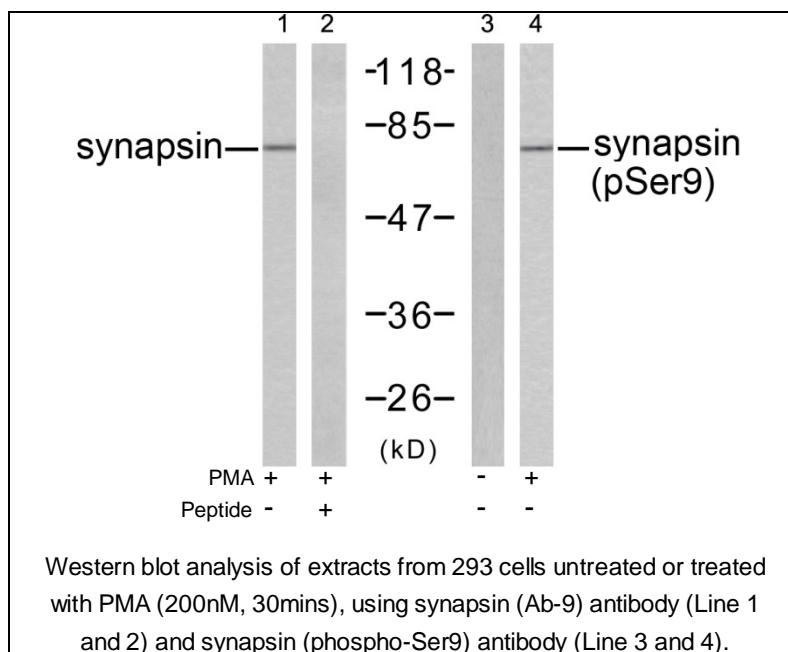
Applications: WB: 1:500~1:1000 ELISA: 1:20000

References: Diviya Sinha, et.al. (2005) Am J Physiol Renal Physiol; 288: F703-F713.

Franco Onofri, et.al. (2000) J. Biol. Chem; 275: 29857.

Dario Bonanomi, et.al. (2005) J. Neurosci; 25: 7299-7308.

Hiroshi Tokumitsu, et.al. (2005) J. Biol. Chem; 280: 35108-35118.



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