

Datasheet for ABIN361493
anti-SYN1 antibody (pSer603)



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2 Images

Overview

Quantity:	100 µL
Target:	SYN1
Binding Specificity:	pSer603
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser603 conjugated to KLH
Specificity:	Specific for ~78k synapsin I doublet protein phosphorylated at Ser603. Immunolabeling of the synapsin I band is blocked by (-phosphatase treatment.
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	bovine, human, Xenopus, zebra fish
Purification:	Antigen Affinity Purified from Pooled Serum

Target Details

Target:	SYN1
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Target Details

Alternative Name:	SYN1 (SYN1 Products)
Molecular Weight:	~78 kDa
Gene ID:	281510
UniProt:	P17599

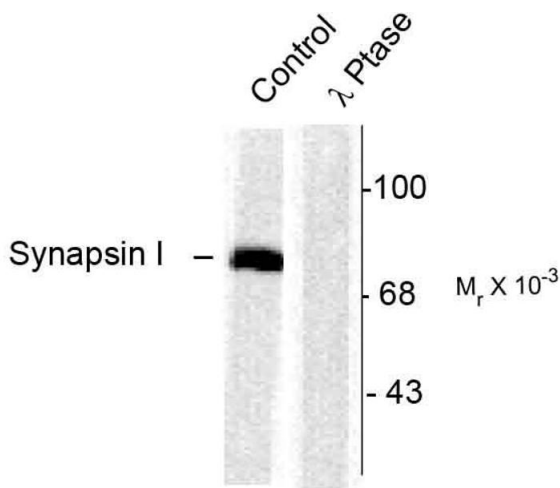
Application Details

Application Notes:	Recommended Dilution: WB: 1:1000 Quality Control: Western blots performed on each lot.
Restrictions:	For Research Use only

Handling

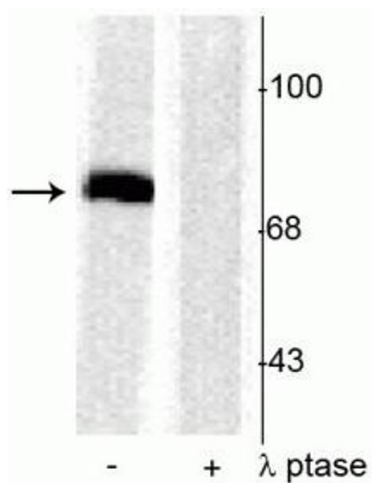
Format:	Liquid
Buffer:	100 µL in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol.
Storage:	-20 °C

Images



Western Blotting

Image 1. Western blots of rat cortex lysate showing specific immunolabeling of the ~78k synapsin I phosphorylated at Ser603 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: (-Ptase). The blot is identical to the control except that it was incubated in (-Ptase (1200 units for 30 min) before being exposed to the phospho-Ser603 synapsin I antibody. The immunolabeling is completely eliminated by treatment with (-Ptase.



Western Blotting

Image 2. Western blot of rat cortical lysate showing specific immunolabeling of the ~78 kDa synapsin I phosphorylated at Ser603 in the first lane (-). Phosphospecificity is shown in the second lane (+) where the immunolabeling is completely eliminated by blot treatment with lambda phosphatase (λ-Ptase, 1200 units for 30 minutes).