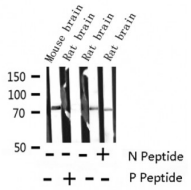
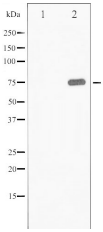
Phospho-Synapsin (Ser9) Ab

Cat.#: AF3201	Concn.: 1mg/ml	Mol.Wt.: 77kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-Synapsin (Ser9) Ab detects endogenous levels of Synapsin only when phosphorylated at Serine 9.
Immunogen:	A synthesized peptide derived from human Synapsin around the phosphorylation site of Serine 9.
Uniprot:	P17600
Description:	This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases.
Subcellular Location:	Cell junction > synapse. Golgi apparatus.
Similarity:	The A region binds phospholipids with a preference for negatively charged species.Belongs to the synapsin family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of Phospho-Synapsin (Ser9) expression in various lysates



Western blot analysis of Synapsin phosphorylation expression in PMA treated 293 whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

AF3201 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.