

Anti-Synapsin I (Ser9) Antibody



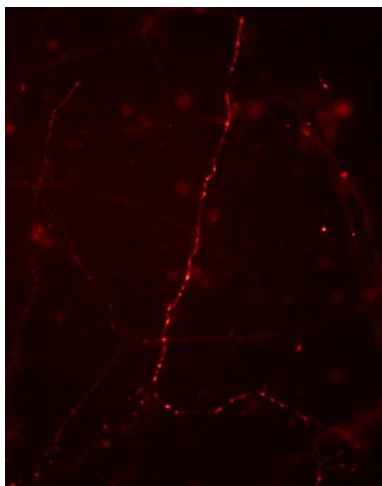
Pooled Serum

Product Details

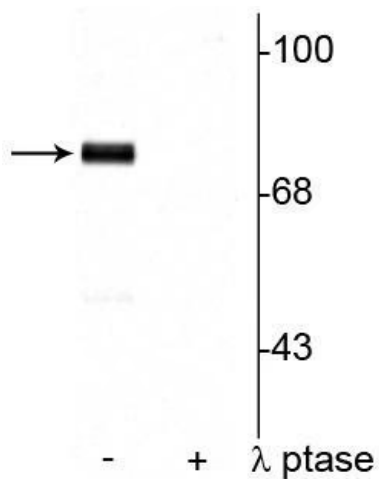
Available Variants	100 µL (SKU:p1560-9) 25 µL (SKU:p1560-9t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	SYN1
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ICC, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 ICC: 1:500
Species Reactivity	Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser9 of rat synapsin, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~78 kDa synapsin I doublet protein phosphorylated at Ser9. Also weakly labels the ~55 kDa synapsin II protein which has a similar phosphorylation site to that of Ser9 on synapsin I. Immunolabeling is completely eliminated by treatment with λ-phosphatase.
Molecular Weight	78 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492244
UniProt ID	<u>P17599</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Bovine, Human, Xenopus
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser9
NCBI Gene ID	281510

Product Images



Immunostaining of cultured mouse caudate neurons showing synapsin I when phosphorylated at Ser9 (Cat. p1560-9, 1:500, red). Cells and photo courtesy of QBMCellScience.



Western blot of rat cortical lysate showing specific immunolabeling of the ~78 kDa synapsin I phosphorylated at Ser9 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).

Product Page URL: www.antibodiesinc.com/products/anti-synapsin-i-ser9-antibody-p1560-9



Created on 31. July 2026 | All information without guarantee