

Anti-Synapsin (Ser549) Antibody



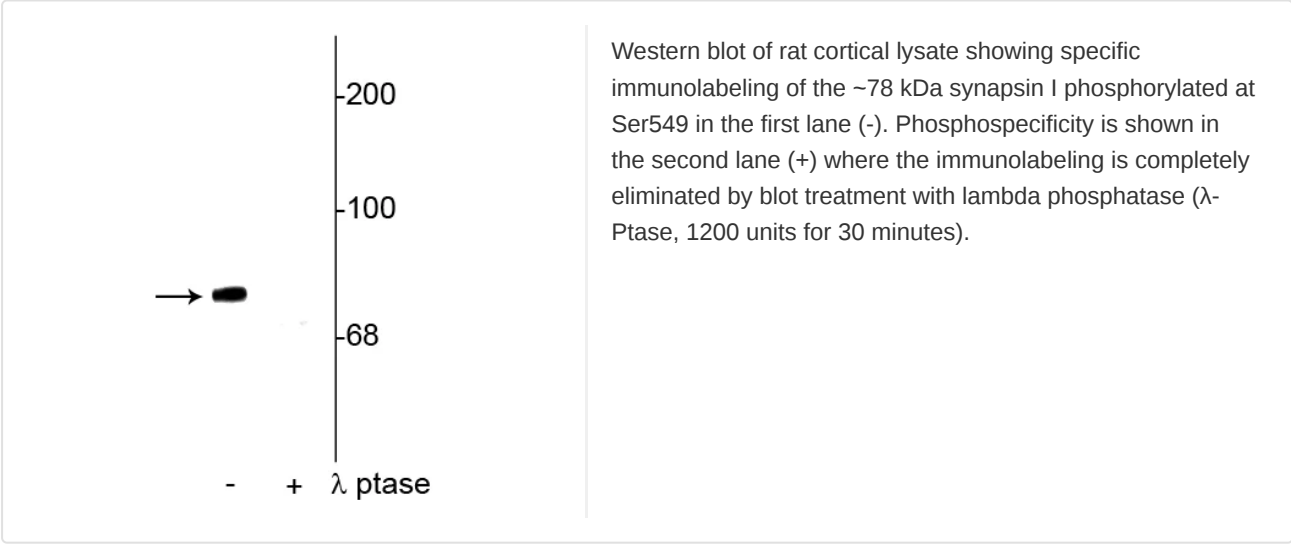
Pooled Serum

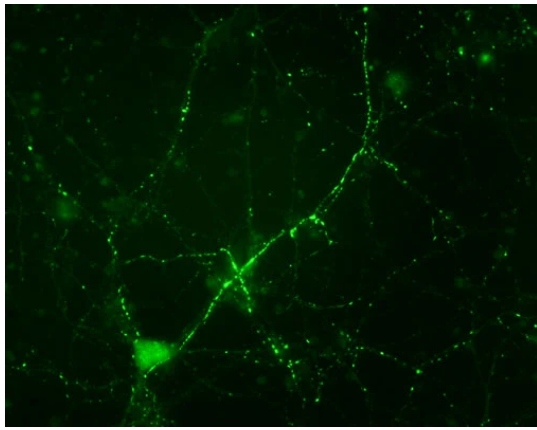
Product Details

Available Variants	100 µL (SKU:p1560-549) 25 µL (SKU:p1560-549t)
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	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 ICC: 1:500
Species Reactivity	Rat
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser549 of rat synapsin, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~78 kDa synapsin I doublet phosphorylated at Ser549. 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_2492246
UniProt ID	P17599
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, Canine, Human, Non-Human Primate
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser549
NCBI Gene ID	281510

Product Images



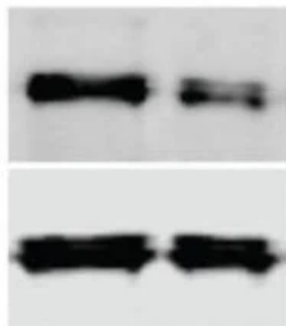


Immunostaining of cultured mouse caudate neurons showing synapsin I when phosphorylated at Ser549 (Cat. p1560-549, green, 1:500). Cells and photo courtesy of QBMCellScience.

F

PSer549

total



In vivo inhibition of Cdk5 assessed via quantitative immunoblot for P-Ser549 (Cat. p1560-549)/total Synapsin I in rat hippocampus after treatment with 50 mg/kg 25–106. Image from publication CC-BY-4.0. [PMID: 36854738](https://pubmed.ncbi.nlm.nih.gov/36854738/)

Product Page URL: www.antibodiesinc.com/products/anti-synapsin-ser549-antibody-p1560-549



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