

Anti-Synapsin I Antibody



Pooled Serum

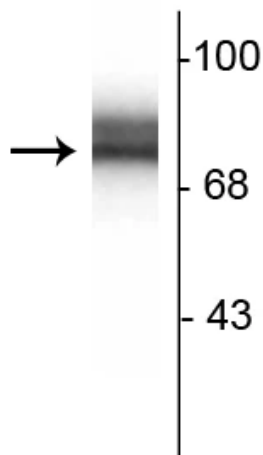
Product Details

Available Variants	10 µg (SKU:1925-SYNP)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	SYN1
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Lyophilized
Buffer	Lyophilized
Production Notes	Prepared from pooled rabbit serum by affinity purification using a column to which the native protein was coupled.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 ICC: 1:1000-1:2000 IP: 1 µg per 200 µg lysate
Species Reactivity	Human, Mouse, Rat
Immunogen	Native protein purified from bovine brain.
Specificity	Specific for endogenous levels of the ~78 kDa synapsin I doublet. Immunolabeling blocked by preadsorption of antibody with the protein used to generate the antibody.
Molecular Weight	78 kDa
Quality Control	Western blots performed on each lot.
Storage	Reconstitute in 50 µl phosphate buffered saline (PBS: 137 mM NaCl, 7.5 mM Na ₂ HPO ₄ , 2.7 mM KCl, 1.5 mM KH ₂ PO ₄ , pH 7.4) before use. After

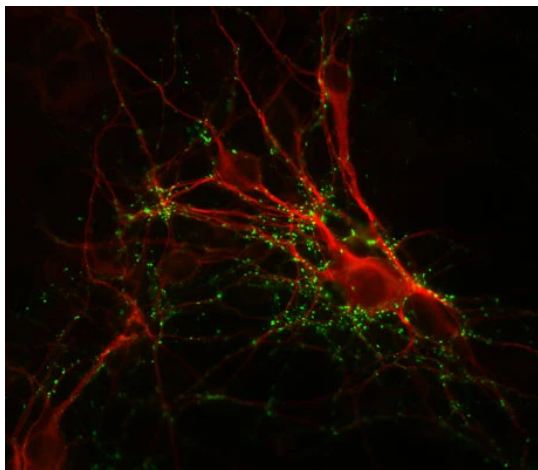
reconstitution it is recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.

Antibody Registry ID	AB_2492241
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.
NCBI Gene ID	281510

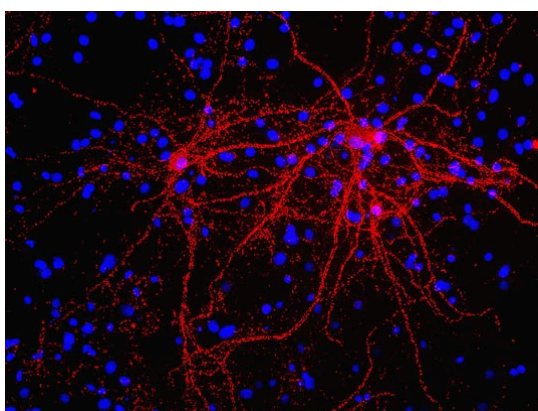
Product Images



Western blot of 10ug of rat hippocampal lysate showing specific immunolabeling of the ~78 kDa synapsin I doublet protein.



Immunostaining of cultured mouse caudate neurons showing punctate distribution of synapsin (Cat. 1925-SYNP, 1:1000, green) and MAP (red). Cells and photo courtesy of QBMCellScience.



Immunostaining of 40DIV cultured rat cortical neurons showing punctate distribution of synapsin (Cat. 1925-SYNP, 1:1000, red). The blue is staining nuclear DNA. Cells and photo courtesy of QBMCellScience.

Product Page URL: www.antibodiesinc.com/products/anti-synapsin-i-antibody-1925-synp



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