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Synapsin I Antibody
Affinity purified rabbit polyclonal antibody
Catalog # AN1059

Specification

Synapsin I Antibody - Product Information

Application	**WB, IF**
Primary Accession	P17599
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**polyclonal**
Calculated MW	**78 KDa**

Synapsin I Antibody - Additional Information

Gene ID	**281510**
Gene Name	**SYN1**

Other Names
Synapsin-1, Synapsin I, SYN1

Target/Specificity
Native protein purified from bovine brain.

Dilution
WB~~ 1:1000
IF~~ 1:1000

Format
Prepared from rabbit serum by affinity purification using a column to which the native protein was coupled.

Antibody Specificity
Specific for the ~78k synapsin I doublet in Western blots of rat brainextracts. Immunolabeling blocked by preadsorption of antibody with the protein used togenerate the antibody.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Synapsin I Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

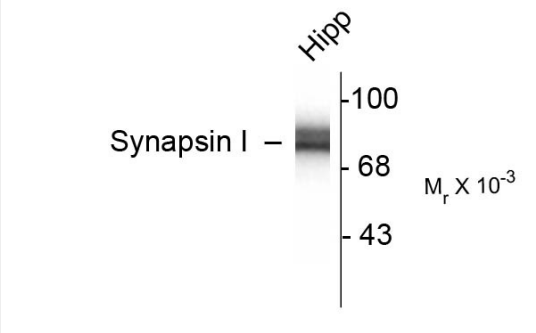
Shipping
Blue Ice

Synapsin I Antibody - Protocols

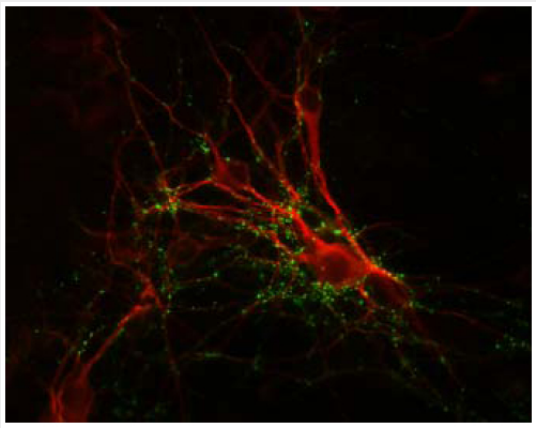
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Synapsin I Antibody - Images



Western blot of 10 ug of rat hippocampal (Hipp) lysate showing specific immunolabeling of the ~78k synapsin I doublet protein.



Immunostaining of cultured rat caudate neurons showing punctate distribution of synapsin in green and MAP in red. Cells and photo courtesy of QBMCellScience.

Synapsin I Antibody - Background

Colorado Biosciences Park
12635 East Montview Boulevard, #213
Aurora, CO 80045-7337
Tel: (888) 442-7100
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WB
= Western Blot
IF
= Immunofluorescence
IHC

= Immunohistochemistry
IP
= Immunoprecipitation
Packaging:
10
µ
g antibody vial; lyophilized from 5 mM ammonium bicarbonate
. The antibody should be reconstituted 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 the antibody
should be aliquoted and stored
at -20
o
C.
Adequate amount of material to
conduct 10-mini Western Blots.
Storage and Stability:
For long term storage –20
o
C is recommended. Stable at –20
o
C for at least 1 year
Shipment:
Domestic - Ambient; International – Ambient.
Anti-Synapsin I
Catalog Number:
1925-SYNP
Size
: 10 µg
Product Description:
Affinity purified rabbit polyclonal antibody
Applications:
WB
: 1:1000
IHC/IF:
1:1000
IP
: 1 µg per 200 µg lysate
Antigen:
Native protein purified from bovine brain.
Species reactivity
: The antibody has been directly tested for reactivity in Western blots with
rat, mouse and human tissue.
Biological Significance:

Synapsin I Antibody - References

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Note: Dr. Michael Browning, co-author of the
cited papers is the President and founder
PhosphoSolutions.