

# Product Datasheet

## Synapsin II Antibody (GT1446)

### NBP3-13694

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-13694**

Synapsin II Antibody (GT1446)

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GT1446
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS, 20% Glycerol

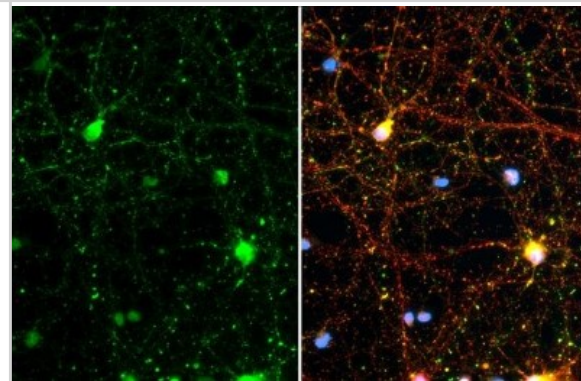
Product Description	
Host	Mouse
Gene ID	6854
Gene Symbol	SYN2
Species	Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human Synapsin II. The exact sequence is proprietary.
Notes	Centrifuge briefly prior to opening.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin

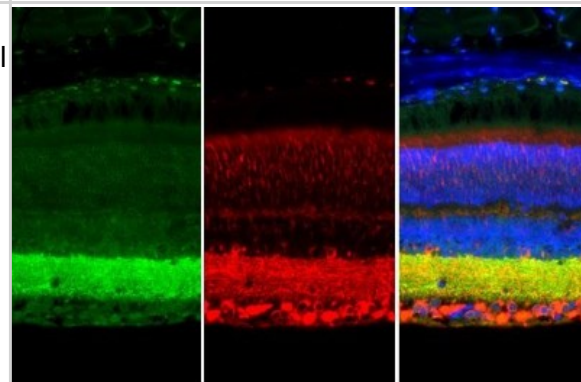


## Images

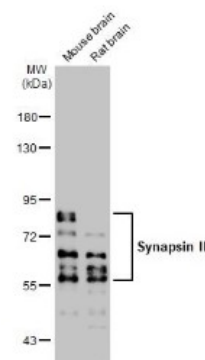
**Immunocytochemistry/Immunofluorescence:** Synapsin II Antibody (GT1446) [NBP3-13694] - Synapsin II antibody [GT1446] detects Synapsin II protein at synapse by immunofluorescent analysis. Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Synapsin II stained by Synapsin II antibody [GT1446] (NBP3-13694) diluted at 1:500. Red: Tau, a axon marker, stained by Tau antibody diluted at 1:500.



**Immunohistochemistry-Paraffin:** Synapsin II Antibody (GT1446) [NBP3-13694] - Synapsin II antibody [GT1446] detects Synapsin II protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse eye. Green: Synapsin II stained by Synapsin II antibody [GT1446] (NBP3-13694) diluted at 1:250. Red: beta Tubulin 3/ Tuj1, a cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody diluted at 1:500. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**Western Blot:** Synapsin II Antibody (GT1446) [NBP3-13694] - Various tissue extracts (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Synapsin II antibody [GT1446] (NBP3-13694) diluted at 1:10000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.





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### **Products Related to NBP3-13694**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
H00006854-Q01-10ug	Recombinant Human Synapsin II GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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