

**Product Name: Synapsin 1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab03409**



## Summary

<b>Production Name</b>	Synapsin 1 Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	SYN1
<b>Alternative Names</b>	SYN1; Synapsin-1; Brain protein 4.1; Synapsin I
<b>Gene ID</b>	6853
<b>SwissProt ID</b>	P17600

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
<b>Molecular Weight</b>	Calculated MW: 74 kDa; Observed MW: 74 kDa

## Background

This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the

**Product Name: Synapsin 1 Rabbit Polyclonal Antibody**  
**Catalog #: AP Rab03409**

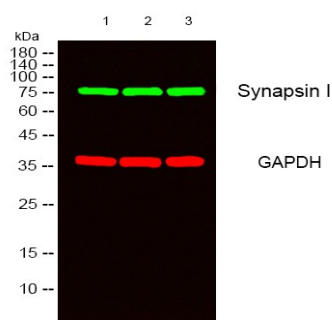


cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases.

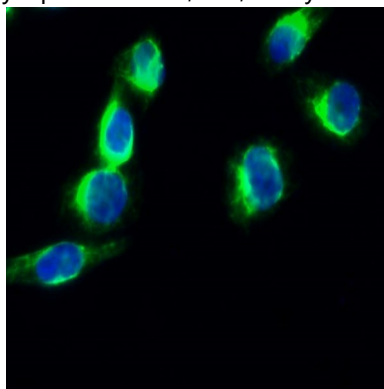
## Research Area

Neuroscience

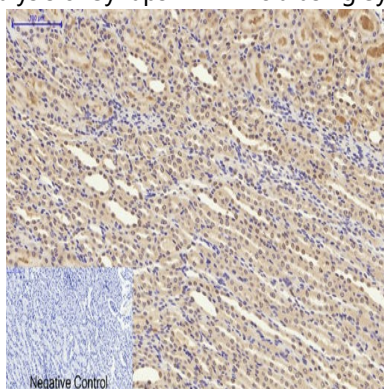
## Image Data



Western blot analysis of Synapsin 1 in HeLa, 293, 3T3 lysates using Synapsin 1 antibody.



Immunofluorescence analysis of Synapsin 1 in HeLa using Synapsin I antibody(green)



Immunohistochemistry analysis of paraffin-embedded rat kidney tissue using Synapsin 1 antibody. High-pressure and

**Product Name: Synapsin 1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab03409**



---

temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.