

## Synaptophysin Rabbit mAb

Catalog No: #58690

Package Size: #58690-1 50ul #58690-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

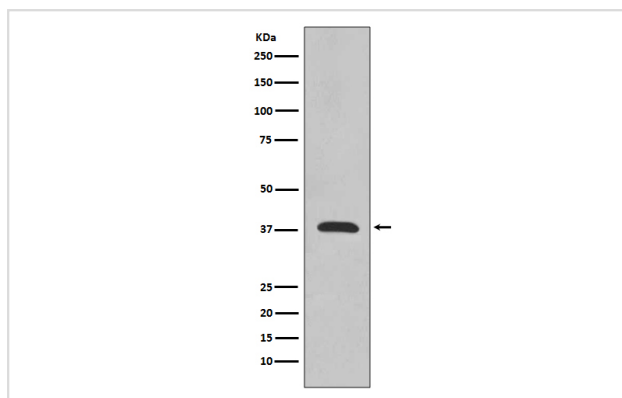
## Description

Product Name	Synaptophysin Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	Synaptophysin Antibody detects endogenous levels of total Synaptophysin
Immunogen Description	A synthesized peptide derived from human Synaptophysin
Other Names	Major synaptic vesicle protein p38; MRXSYP; Synaptophysin; SYP; SYPH; Syn p38; Sypl;
Accession No.	Uniprot:P08247
Uniprot	P08247
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

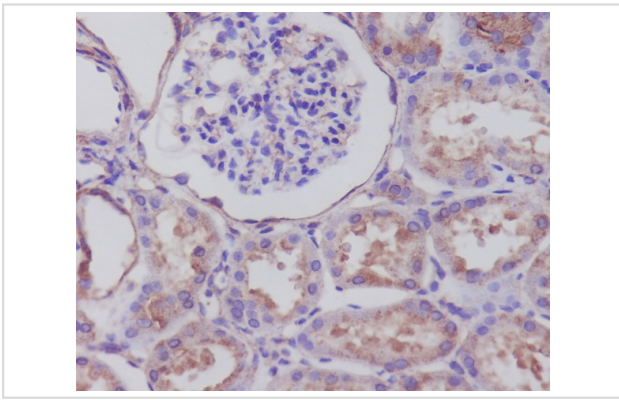
## Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

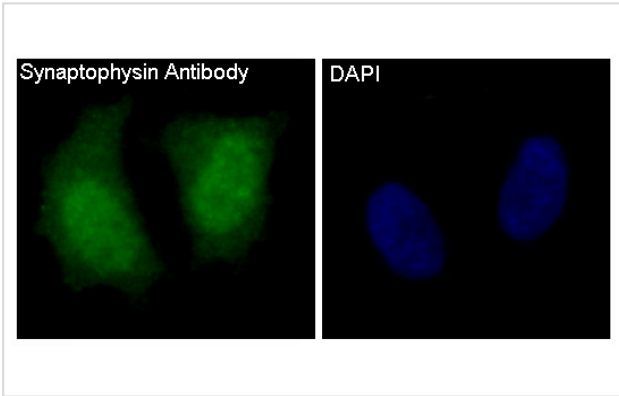
## Images



Western blot analysis of Synaptophysin expression in rat brain lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using Synaptophysin Antibody .



Immunofluorescent analysis of PC-12 cells, using Synaptophysin Antibody .

## Product Description

SYP Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity. Belongs to the synaptophysin/synaptobrevin family. Homohexamer or homotetramer.

## Background

SYP Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity. Belongs to the synaptophysin/synaptobrevin family. Homohexamer or homotetramer.

Note: This product is for in vitro research use only