

# Anti-Synaptophysin Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A300195-01	50 µl
A300195-02	100 µl

<b>Specificity</b>	Anti-Synaptophysin (human mouse rat)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA IHC
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** P08247

**Other Names:** major synaptic vesicle protein p38, synaptophysin

## Specificity and Sensitivity

Synaptophysin antibody detects endogenous levels of total Synaptophysin protein.

## Source and Purification

The antiserum was produced against synthesized peptide derived from human Synaptophysin. The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:  
WB: 1:500~1:3000    IHC: 1:50~1:100    ELISA: 1:10000

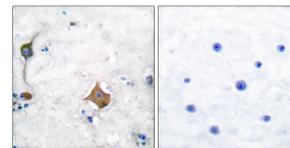
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

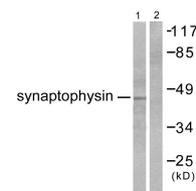
## Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images



Peptide - +  
Immunohistochemical analysis of paraffin-embedded human brain tissue using Synaptophysin antibody.



Peptide - +  
Western blot analysis of extracts from LOVO cells, using Synaptophysin antibody.

## Related Products

- PW001: Super ECL Assay kit
- E030120 : HRP, Goat Anti-Rabbit IgG(H+L)
- E030220 : AP, Goat Anti-Rabbit IgG(H+L)
- E021010: Anti-GAPDH Mouse Monoclonal Antibody
- E021020: Anti-beta Actin Mouse Monoclonal Antibody
- E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP