

## Rabbit Synapsin1 Polyclonal Antibody | anti-SYN1 antibody

Synapsin1 (Phospho-Ser605) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                    |
|-----------|--------|-------------------|-------------------------------------------------|
| AAA316384 | Rabbit | Human, Mouse, Rat | ELISA, Immunofluorescence, Immunohistochemistry |

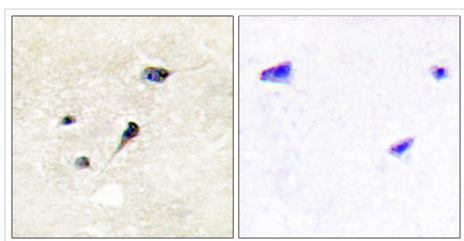
### PRODUCT SYNONYMS

Synapsin1; Polyclonal Antibody; Synapsin1 (Phospho-Ser605) Antibody; Brain protein 4.1; SYN-1; synapsin I; anti-SYN1 antibody

### PRODUCT SPECIFICATIONS

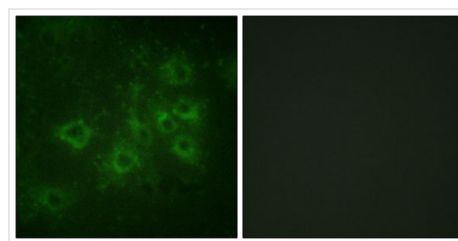
|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | Synapsin1 (Phospho-Ser605) Antibody detects endogenous levels of Synapsin1 only when phosphorylated at Ser605.                                                                                   |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | 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.                                               |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 669                                                                                                                                                                                              |
| Applicable Applications for anti-SYN1 antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)                                                                                                                                       |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:S605; M:S605; R:S603                                                                                                                                                                           |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human Synapsin1 around the phosphorylation site of Ser605.                                                                   |
| Immunogen Range                                | 576-625                                                                                                                                                                                          |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human brain, using Synapsin1 (Phospho-Ser605) Antibody. The picture on the right is blocked with the phospho peptide.



**IF (Immunofluorescence)**

Immunofluorescence analysis of COS7 cells, using Synapsin1 (Phospho-Ser605) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 19924099                       |
| NCBI GeneID                      | 6853                           |
| NCBI Accession #                 | NP_008881.2                    |
| NCBI GenBank Nucleotide #        | NM_006950.3                    |
| UniProt Accession #              | P17600; O75825; Q5H9A9; B1AJQ1 |
| Molecular Weight                 | 74 kDa                         |
| NCBI Official Full Name          | synapsin-1 isoform Ia          |
| NCBI Official Synonym Full Names | synapsin I                     |
| NCBI Official Symbol             | SYN1                           |
| NCBI Official Synonym Symbols    | SYNI; SYN1a; SYN1b             |
| NCBI Protein Information         | synapsin-1                     |
| UniProt Protein Name             | Synapsin-1                     |
| UniProt Gene Name                | <b>SYN1</b>                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/synapsin1-antibody-immunofluorescence-immunohistochemistry-elisa/316384>