

## Rabbit Synapsin-1 Polyclonal Antibody | anti-SYN1 antibody

Synapsin-1 Polyclonal Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA296457</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

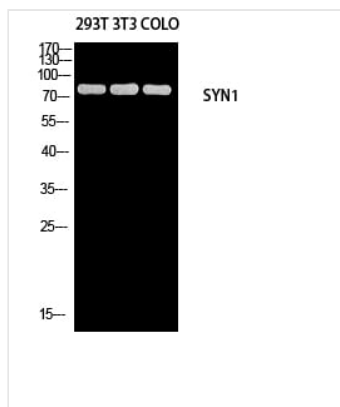
### PRODUCT SYNONYMS

Synapsin-1; Polyclonal Antibody; Synapsin-1 Polyclonal Antibody; SYN1; Brain protein 4.1; Synapsin I; anti-SYN1 antibody

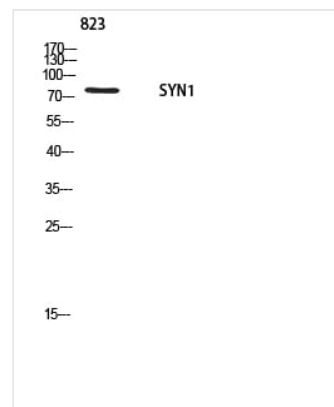
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-SYN1 antibody | WB (Western Blot)                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

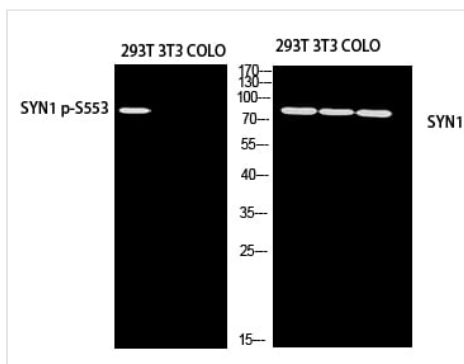
### IMAGES


**WB (Western Blot)**

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SYN1 antibody | Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxid functions at a presynaptic level. |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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                 | 74,111 Da                      |
| 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; brain protein 4.1  |
| UniProt Protein Name             | Synapsin-1                     |
| UniProt Gene Name                | SYN1                           |
| UniProt Entry Name               | SYN1_HUMAN                     |

**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/synapsin-1-antibody-western-blot-elisa/296457>