

## Rabbit anti-Human SYN2 Polyclonal Antibody | anti-SYN2 antibody

SYN2 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA305682</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

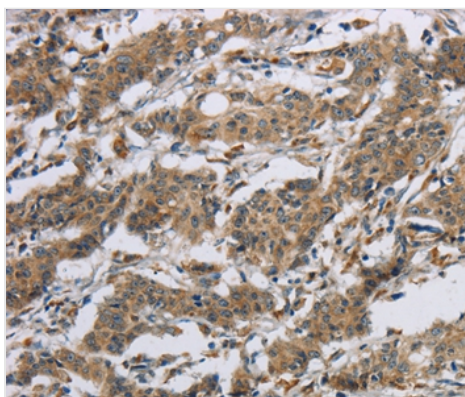
### PRODUCT SYNONYMS

SYN2; Polyclonal Antibody; SYN2 Antibody; SYNII; SYNIIa; SYNIIb; anti-SYN2 antibody

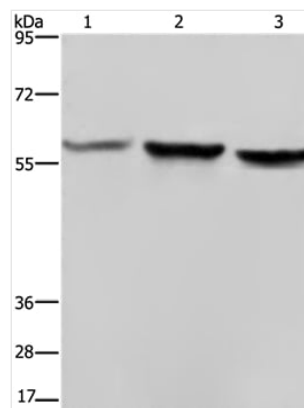
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                 |
|------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                          |
| Reactivity                                     | Human                                                                                           |
| Clonality                                      | Polyclonal                                                                                      |
| Specificity                                    | The antibody detects endogenous levels of total SYN2 protein.                                   |
| Purity/Purification                            | Antigen affinity purification.                                                                  |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                 |
| Concentration                                  | 2.7 mg/ml (varies by lot)                                                                       |
| Sequence Length                                | 478                                                                                             |
| Applicable Applications for anti-SYN2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                   |
| Immunogen Type                                 | Peptide                                                                                         |
| Immunogen Description                          | Synthetic peptide corresponding to a region derived from internal residues of human synapsin II |
| Target Name                                    | SYN2                                                                                            |
| Preparation and Storage                        | Store at -20 degree C                                                                           |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/40.


**Application Data**

Gel: 6%SDS-PAGE Lysates (from left to right): Hela, A375 and LoVo cell Amount of lysate: 40ug per lane Primary antibody: 1/1400 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SYN2 antibody | This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the 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. This member of the synapsin family encodes a neuron-specific phosphoprotein that selectively binds to small synaptic vesicles in the presynaptic nerve terminal. The TIMP4 gene is located within an intron of this gene and is transcribed in the opposite direction. Mutations in this gene may be associated with abnormal presynaptic function and schizophrenia. Alternative splicing of this gene results in two transcripts. |
| Product Categories/Family for anti-SYN2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 19924101               |
| NCBI GeneID                      | 6854                   |
| NCBI Accession #                 | NP_003169.2            |
| NCBI GenBank Nucleotide #        | NM_003178.5            |
| UniProt Accession #              | Q92777; A8MY98         |
| Molecular Weight                 | 52,162 Da              |
| NCBI Official Full Name          | synapsin-2 isoform IIb |
| NCBI Official Synonym Full Names | synapsin II            |
| NCBI Official Symbol             | SYN2                   |
| NCBI Official Synonym Symbols    | SYNII                  |
| NCBI Protein Information         | synapsin-2             |
| UniProt Protein Name             | Synapsin-2             |
| UniProt Gene Name                | SYN2                   |
| UniProt Entry Name               | SYN2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/syn2-antibody-immunohistochemistry-western-blot-elisa/305682>