

## anti-Human, Rat Synaptophysin Antibody | anti-SYP antibody

Synaptophysin, Monoclonal Antibody, Mouse

|                              |                                 |                                                           |
|------------------------------|---------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA76442</b> | REACTIVITY<br><b>Human, Rat</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|------------------------------|---------------------------------|-----------------------------------------------------------|

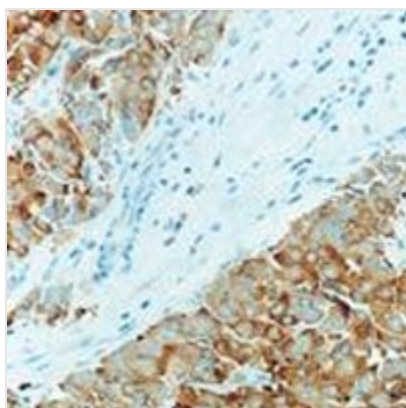
### PRODUCT SYNONYMS

Synaptophysin; Monoclonal Antibody; Mouse; anti-SYP antibody

### PRODUCT SPECIFICATIONS

|                                               |                                               |
|-----------------------------------------------|-----------------------------------------------|
| Reactivity                                    | Human, Rat                                    |
| Form/Format                                   | Supernatant - Liquid                          |
| Sequence Length                               | 313                                           |
| Applicable Applications for anti-SYP antibody | WB (Western Blot), IHC (Immunohistochemistry) |
| Type Info                                     | Mouse IgG                                     |
| Immunogen                                     | Synaptophysin c-terminal peptide              |

### IMAGES



Application Data



Application Data

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SYP antibody | <p>Synaptophysin is a 38 kDa glycoprotein present in the membrane of neuronal presynaptic vesicles in brain, spinal cord, retina, vesicles of adrenal medulla, neuromuscular junctions, and endocrine cells. It is also expressed by neuroendocrine cells throughout the body, both normal and neoplastic. Synaptophysin is a useful marker for the identification of normal neuroendocrine cells and neuroblastomas.</p> <p>It is also suspected to play a role in Respiratory Disorders (i.e. sleep apnea) and Lewy Body Neurodegenerative Diseases.</p> |
| Product Categories/Family for anti-SYP antibody   | <a href="#">Synaptophysin</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |               |
|----------------------------------|---------------|
| NCBI GI #                        | 27764867      |
| NCBI GeneID                      | 6855          |
| NCBI Accession #                 | NP_003170.1   |
| NCBI GenBank Nucleotide #        | NM_003179.2   |
| Molecular Weight                 | 20,757 Da     |
| NCBI Official Full Name          | synaptophysin |
| NCBI Official Synonym Full Names | synaptophysin |
| NCBI Official Symbol             | SYP           |
| NCBI Official Synonym Symbols    | MRX96; MRXSYP |
| NCBI Protein Information         | synaptophysin |
| UniProt Protein Name             | Synaptophysin |
| UniProt Gene Name                | <b>SYP</b>    |
| UniProt Entry Name               | SYPH_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/human-rat-antibody/synaptophysin/76442>