

Product Datasheet

Recombinant Synaptophysin Antibody / SYP (orb1151675)

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| Catalog Number | orb1151675 |
| Category | Antibodies |
| Description | Rabbit monoclonal antibody to Synaptophysin |
| Clonality | Recombinant |
| Species/Host | Rabbit |
| Isotype | Rabbit IgG |
| Conjugation | Unconjugated |
| Reactivity | Human |
| Buffer/Preservatives | 0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide |
| Purification | Protein A/G affinity |
| Immunogen | A portion of amino acids 274-313 was used as the immunogen for the recombinant Synaptophysin antibody. |
| UniProt ID | P08247 |
| Tested applications | IHC-P |
| Dilution range | Immunohistochemistry (FFPE): 1-2ug/ml |
| Application notes | Optimal dilution of the recombinant Synaptophysin antibody should be determined by the researcher. |
| Antibody Type | Primary Antibody |

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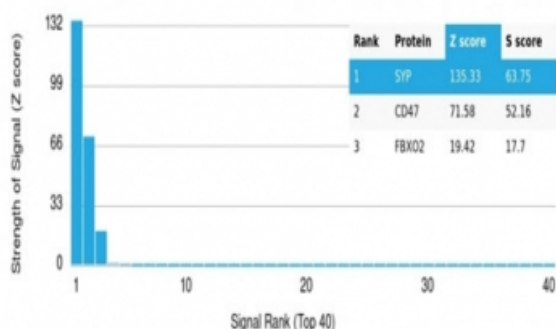
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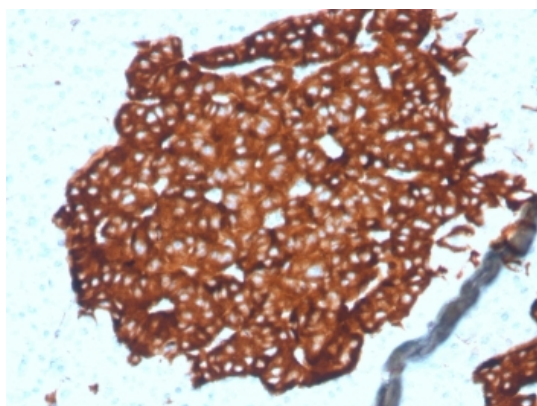
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|------------------------|---|
| Clone Number | SYP/4389R |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

Human Protein Microarray Specificity Validated



Analysis of HuProt (TM) microarray containing more than 19000 full-length human proteins using recombinant Synaptophysin antibody (clone SYP/4389R). These results demonstrate the foremost specificity of the SYP/4389R mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt (TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



IHC staining of FFPE human pancreatic tissue with recombinant Synaptophysin antibody (clone SYP/4389R). HI ER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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