

## Anti-Sec16A antibody

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### Description

Sec16A is a protein encoded by the SEC16A gene which is approximately 233,5 kDa. Sec16A is localised to the endoplasmic reticulum membrane. It is involved in transport to the Golgi and subsequent modification and metabolism of proteins. It defines endoplasmic reticulum exit sites and is required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus. It also mediates COPII vesicle formation at the transitional ER. Sec16A is ubiquitously expressed with higher expression in the pancreas. Mutations in the SEC16A gene may result in Charcot-Marie-Tooth disease. STJ95593 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Sec16A protein.

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>            | STJ95593                                                                                                              |
| <b>Host</b>             | Rabbit                                                                                                                |
| <b>Reactivity</b>       | Human                                                                                                                 |
| <b>Applications</b>     | ELISA, IF, IHC                                                                                                        |
| <b>Immunogen</b>        | Synthesized peptide derived from human Sec16A                                                                         |
| <b>Immunogen Region</b> | 980-1060 aa, Internal                                                                                                 |
| <b>Gene ID</b>          | <a href="#">9919</a>                                                                                                  |
| <b>Gene Symbol</b>      | <a href="#">SEC16A</a>                                                                                                |
| <b>Dilution range</b>   | IHC 1:100-1:300ELISA 1:20000                                                                                          |
| <b>Specificity</b>      | Sec16A Polyclonal Antibody detects endogenous levels of Sec16A protein.                                               |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

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| <b>Note</b>                | For Research Use Only (RUO).                                                                         |
| <b>Protein Name</b>        | Protein transport protein Sec16A SEC16 homolog A                                                     |
| <b>Molecular Weight</b>    | 233 kDa                                                                                              |
| <b>Clonality</b>           | Polyclonal                                                                                           |
| <b>Conjugation</b>         | Unconjugated                                                                                         |
| <b>Isotype</b>             | IgG                                                                                                  |
| <b>Formulation</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                              |
| <b>Concentration</b>       | 1 mg/ml                                                                                              |
| <b>Storage Instruction</b> | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                 |
| <b>Database Links</b>      | <a href="https://www.ncbi.nlm.nih.gov/condensedcode/HGNC:29006OMIM:612854">HGNC:29006OMIM:612854</a> |
| <b>Alternative Names</b>   | Protein transport protein Sec16A SEC16 homolog A                                                     |

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