

**Product Name: Sec16A Rabbit Polyclonal Antibody**  
**Catalog #: APRab17689**



## Summary

|                        |                                   |
|------------------------|-----------------------------------|
| <b>Production Name</b> | Sec16A Rabbit Polyclonal Antibody |
| <b>Description</b>     | Rabbit Polyclonal Antibody        |
| <b>Host</b>            | Rabbit                            |
| <b>Application</b>     | IHC,ELISA                         |
| <b>Reactivity</b>      | Human,Rat,Mouse                   |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG  |
| <b>Clonality</b>    | Polyclonal   |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.       |
| <b>Purification</b> | Affinity purification  |

## Immunogen

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | SEC16A  |
| <b>Alternative Names</b> | SEC16A; KIAA0310; SEC16; SEC16L; Protein transport protein Sec16A; SEC16 homolog A                          |
| <b>Gene ID</b>           | 9919.0  |
| <b>SwissProt ID</b>      | O15027.The antiserum was produced against synthesized peptide derived from human SEC16A. AA range:1013-1062 |

## Application

|                         |                                |
|-------------------------|--------------------------------|
| <b>Dilution Ratio</b>   | IHC 1:100-1:300 ELISA: 1:20000 |
| <b>Molecular Weight</b> |                                |

## Background

This gene encodes a protein that forms part of the Sec16 complex. This protein has a role in protein transport from the

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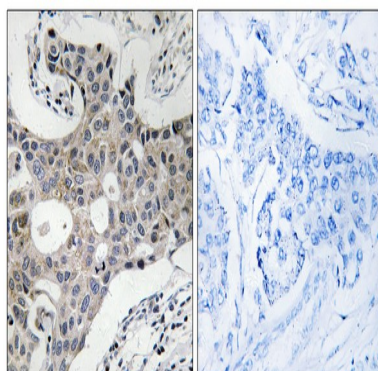
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endoplasmic reticulum (ER) to the Golgi and mediates COPII vesicle formation at the transitional ER. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Feb 2013],function:Defines endoplasmic reticulum exit sites (ERES) and is required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining an ERES. Required for normal transitional endoplasmic reticulum (tER) organization.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the SEC16 family.,subcellular location:SAR1A activity is required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation.,subunit:SEC16A and SEC16B are each present in multiple copies in a heteromeric complex. Interacts with SEC23A.,tissue specificity:Ubiquitous. Expressed at higher levels in the pancreas.,

## Research Area

## Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using SEC16A Antibody. The picture on the right is blocked with the synthesized peptide.

## Note

For research use only.