



## Rabbit Anti-SEC16A antibody

SL19611R

<b>Product Name:</b>	SEC16A
<b>Chinese Name:</b>	TransporterSEC16A抗体
<b>Alias:</b>	FLJ26737; KIAA0310; OTTHUMP00000022589; OTTHUMP00000022592; OTTHUMP00000022593; p250; Protein SEC16 homolog A; Protein transport protein Sec16A; RP11 413M3.10; SEC 16; SEC 16A; SC16A_HUMAN; SEC16; SEC16 homolog A (S. cerevisiae); SEC16 homolog A; SEC16L.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Dog,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	233kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SEC16A:1101-1200/2179
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a protein that forms part of the Sec16 complex. This protein has a role in protein transport from the 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.

**Subunit:**

SEC16A and SEC16B are each present in multiple copies in a heteromeric complex. Interacts with SEC23A.

**Subcellular Location:**

Endoplasmic reticulum membrane; Peripheral membrane protein. Golgi apparatus membrane; Peripheral membrane protein. Note=SAR1A activity is required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation.

**Tissue Specificity:**

Ubiquitous. Expressed at higher levels in the pancreas.

**Similarity:**

Belongs to the SEC16 family.

**SWISS:**

O15027

**Gene ID:**

9919

**Database links:**

[Entrez Gene: 9919](#) Human

[Omim: 612854](#) Human

[SwissProt: O15027](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.