

**SEC13 Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14887****Specification**

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**SEC13 Antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">P55735</a>
Other Accession	<a href="#">NM_183352</a> , <a href="#">NP_899195</a>
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35kDa kDa

**SEC13 Antibody - C-terminal region - Additional Information****Gene ID** 6396**Alias Symbol** D3S1231E, SEC13L1, SEC13R, npp-20**Other Names**

Protein SEC13 homolog, SEC13-like protein 1, SEC13-related protein, SEC13, D3S1231E, SEC13L1, SEC13R

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**Add 50  $\mu$ l of distilled water. Final Anti-SEC13 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.**Precautions**

SEC13 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**SEC13 Antibody - C-terminal region - Protein Information****Name** SEC13**Function**Functions as a component of the nuclear pore complex (NPC) and the COPII coat (PubMed: [8972206](http://www.uniprot.org/citations/8972206)). At the endoplasmic reticulum, SEC13 is involved in the biogenesis of COPII-coated vesicles (PubMed: [8972206](http://www.uniprot.org/citations/8972206)). Required for the exit of adipsin (CFD/ADN), an adipocyte-secreted protein from the endoplasmic reticulum (By similarity).

### Cellular Location

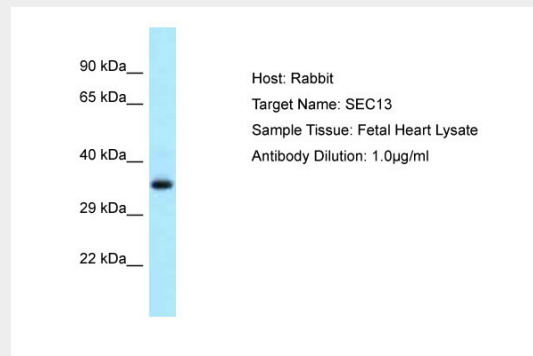
Cytoplasmic vesicle, COPII-coated vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus, nuclear pore complex. Lysosome membrane. Note=In interphase, localizes at both sides of the NPC.

### SEC13 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SEC13 Antibody - C-terminal region - Images



Host: Rabbit  
Target Name: SEC13  
Sample Tissue: Fetal Heart lysates  
Antibody Dilution: 1.0µg/ml

### SEC13 Antibody - C-terminal region - References

- Swaroop A., et al. Hum. Mol. Genet. 3:1281-1286(1994).  
Yu W., et al. Genome Res. 7:353-358(1997).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Muzny D.M., et al. Nature 440:1194-1198(2006).  
Gevaert K., et al. Nat. Biotechnol. 21:566-569(2003).