

SEC13 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10738c**Specification**

SEC13 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P55735](#)**SEC13 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 6396**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SEC13 Antibody (Center) Blocking peptide - Protein Information**Name** SEC13**Function**

Functions as a component of the nuclear pore complex (NPC) and the COPII coat (PubMed:8972206). At the endoplasmic reticulum, SEC13 is involved in the biogenesis of COPII-coated vesicles (PubMed: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 (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SEC13 Antibody (Center) Blocking peptide - Images

SEC13 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene belongs to the SEC13 family of WD-repeat proteins. It is a constituent of the endoplasmic reticulum and the nuclear pore complex. It has similarity to the yeast SEC13 protein, which is required for vesicle biogenesis from endoplasmic reticulum during the transport of proteins. Multiple alternatively spliced transcript variants have been found.

SEC13 Antibody (Center) Blocking peptide - References

Nielsen, A.L. Biochem. Biophys. Res. Commun. 388(3):571-575(2009) Townley, A.K., et al. J. Cell. Sci. 121 (PT 18), 3025-3034 (2008) :Stagg, S.M., et al. Cell 134(3):474-484(2008) Hsia, K.C., et al. Cell 131(7):1313-1326(2007) Glavy, J.S., et al. Proc. Natl. Acad. Sci. U.S.A. 104(10):3811-3816(2007)