

SNF8 Antibody (N-term) Blocking Peptide

Synthetic peptide

Catalog # BP17410a

Specification

SNF8 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession

[O96H20](#)**SNF8 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 11267

Other Names

Vacuolar-sorting protein SNF8, ELL-associated protein of 30 kDa, ESCRT-II complex subunit VPS22, hVps22, SNF8, EAP30

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.

SNF8 Antibody (N-term) Blocking Peptide - Protein Information

Name SNF8

Synonyms EAP30

Function

Component of the endosomal sorting complex required for transport II (ESCRT-II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. The ESCRT-II complex may also play a role in transcription regulation by participating in derepression of transcription by RNA polymerase II, possibly via its interaction with ELL. Required for degradation of both endocytosed EGF and EGFR, but not for the EGFR ligand-mediated internalization. It is also required for the degradation of CXCR4. Required for the exosomal release of SDCBP, CD63 and syndecan (PubMed: 22660413).

Cellular Location

Cytoplasm. Endosome membrane. Nucleus. Late endosome membrane. Note=Recruited to the endosome membrane to participate in vesicle formation

SNF8 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SNF8 Antibody (N-term) Blocking Peptide - Images

SNF8 Antibody (N-term) Blocking Peptide - Background

SNF8, VPS25 (MIM 610907), and VPS36 (MIM 610903) form ESCRT-II (endosomal sorting complex required for transport II), a complex involved in endocytosis of ubiquitinated membrane proteins. SNF8, VPS25, and VPS36 are also associated in a multiprotein complex with RNA polymerase II elongation factor (ELL; MIM 600284) (Slagsvold et al., 2005 [PubMed 15755741]; Kamura et al., 2001 [PubMed 11278625]).

SNF8 Antibody (N-term) Blocking Peptide - References

Malerod, L., et al. Traffic 8(11):1617-1629(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Langelier, C., et al. J. Virol. 80(19):9465-9480(2006) Bowers, K., et al. J. Biol. Chem. 281(8):5094-5105(2006) Slagsvold, T., et al. J. Biol. Chem. 280(20):19600-19606(2005)