

**SNF8 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17410a****Specification**

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**SNF8 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O96H20</a>
Other Accession	<a href="#">O5RK19</a> , <a href="#">O9CZ28</a> , <a href="#">NP_009172.2</a>
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28864
Antigen Region	37-65

**SNF8 Antibody (N-term) - 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

**Target/Specificity**

This SNF8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-65 amino acids from the N-terminal region of human SNF8.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SNF8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SNF8 Antibody (N-term) - 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

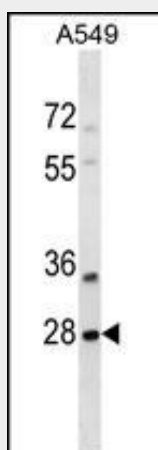
Cytoplasm. Endosome membrane. Nucleus. Late endosome membrane. Note=Recruited to the endosome membrane to participate in vesicle formation

### SNF8 Antibody (N-term) - Protocols

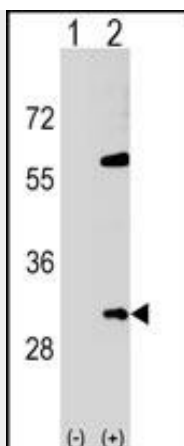
Provided below are standard protocols that you may find useful for product applications.

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

### SNF8 Antibody (N-term) - Images



SNF8 Antibody (N-term) (Cat. #AP17410a) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the SNF8 antibody detected the SNF8 protein (arrow).



Western blot analysis of SNF8 (arrow) using rabbit polyclonal SNF8 Antibody (N-term) (Cat. #AP17410a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the SNF8 gene.

#### **SNF8 Antibody (N-term) - 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) - 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)