

# SNF8 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17410a

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q96H20</a>
<b>Other Accession</b>	<a href="#">Q5RK19</a> , <a href="#">Q9CZ28</a> , <a href="#">NP_009172.2</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB36792
<b>Calculated MW</b>	28864
<b>Antigen Region</b>	37-65

## Additional Information

---

<b>Gene ID</b>	11267
<b>Other Names</b>	Vacuolar-sorting protein SNF8, ELL-associated protein of 30 kDa, ESCRT-II complex subunit VPS22, hVps22, SNF8, EAP30
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	SNF8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	SNF8
<b>Synonyms</b>	EAP30

<b>Function</b>	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, and plays a role in autophagy (PubMed: <a href="#">38423010</a> ). 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: <a href="#">22660413</a> ).
<b>Cellular Location</b>	Cytoplasm. Endosome membrane. Nucleus. Late endosome membrane. Note=Recruited to the endosome membrane to participate in vesicle formation

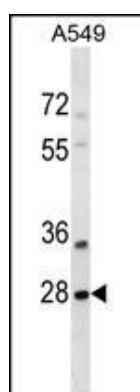
## Background

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]).

## References

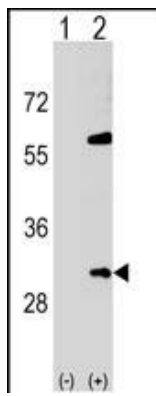
Malerod, L., et al. Traffic 8(11):1617-1629(2007)  
Lamesch, P., et al. Genomics 89(3):307-315(2007)  
Langelier, C., et al. J. Virol. 80(19):9465-9480(2006)  
Bowers, K., et al. J. Biol. Chem. 281(8):5094-5105(2006)  
Slagsvold, T., et al. J. Biol. Chem. 280(20):19600-19606(2005)

## 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.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.