

## VPS37C Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17716c

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">A5D8V6</a>
<b>Other Accession</b>	<a href="#">NP_060436.4</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB37770
<b>Calculated MW</b>	38659
<b>Antigen Region</b>	142-169

### Additional Information

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<b>Gene ID</b>	55048
<b>Other Names</b>	Vacuolar protein sorting-associated protein 37C, hVps37C, ESCRT-I complex subunit VPS37C, VPS37C, PML39
<b>Target/Specificity</b>	This VPS37C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 142-169 amino acids from the Central region of human VPS37C.
<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>	VPS37C Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

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<b>Name</b>	VPS37C
<b>Synonyms</b>	PML39
<b>Function</b>	Component of the ESCRT-I complex, a regulator of vesicular trafficking

process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies. May be involved in cell growth and differentiation.

#### Cellular Location

Late endosome membrane; Peripheral membrane protein. Note=Probably associates with membranes Recruited to the plasma membrane by HIV-1

## Background

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VPS37C is a subunit of ESCRT-I (endosomal sorting complex required for transport I), a complex in the class E vacuolar protein sorting (VPS) pathway required for sorting ubiquitinated transmembrane proteins into internal vesicles of multivesicular bodies (Eastman et al., 2005 [PubMed 15509564]).

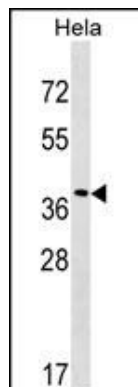
## References

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Rose, J. Phd, et al. Mol. Med. (2010) In press :  
Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)  
Eastman, S.W., et al. J. Biol. Chem. 280(1):628-636(2005)

## Images

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VPS37C Antibody (Center) (Cat. #AP17716c) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the VPS37C antibody detected the VPS37C protein (arrow).

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