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VPS37C Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17716c

Product Information

Application	WB, E
Primary Accession	A5D8V6
Other Accession	NP_060436.4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37770
Calculated MW	38659
Antigen Region	142-169

Additional Information

Gene ID	55048
Other Names	Vacuolar protein sorting-associated protein 37C, hVps37C, ESCRT-I complex subunit VPS37C, VPS37C, PML39
Target/Specificity	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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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	VPS37C Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VPS37C
Synonyms	PML39
Function	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

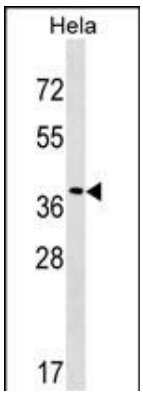
Background

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

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



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'.