

VPS37B Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12426C

Product Information

Application	WB, FC, E
Primary Accession	Q9H9H4
Other Accession	Q8R0J7 , NP_078943.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27193
Calculated MW	31307
Antigen Region	99-127

Additional Information

Gene ID	79720
Other Names	Vacuolar protein sorting-associated protein 37B, hVps37B, ESCRT-I complex subunit VPS37B, VPS37B
Target/Specificity	This VPS37B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-127 amino acids from the Central region of human VPS37B.
Dilution	WB~~1:1000 FC~~1:10~50 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	VPS37B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VPS37B
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=Recruited to the endosomal membrane in a VPS4A-dependent fashion

Tissue Location

Widely expressed. Expressed in macrophages and lymphocytes.

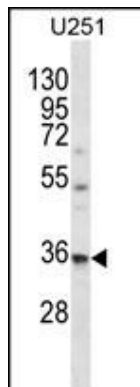
Background

VPS37B is 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.

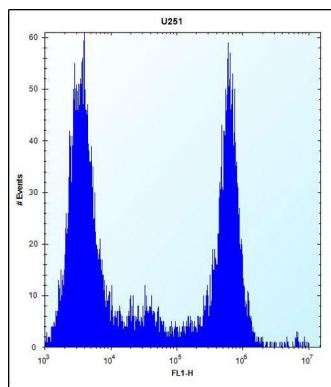
References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Stuchell, M.D., et al. J. Biol. Chem. 279(34):36059-36071(2004)

Images



VPS37B Antibody (Center) (Cat. #AP12426c) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the VPS37B antibody detected the VPS37B protein (arrow).



VPS37B Antibody (Center) (Cat. #AP12217c12426c) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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