

VPS37B Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12426C

Specification

VPS37B Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	O9H9H4
Other Accession	O8R0J7 , NP_078943.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31307
Antigen Region	99-127

VPS37B Antibody (Center) - 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.

VPS37B Antibody (Center) - 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

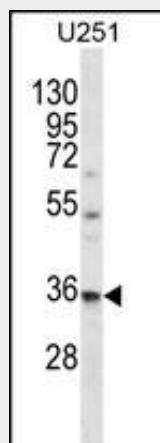
Widely expressed. Expressed in macrophages and lymphocytes.

VPS37B Antibody (Center) - Protocols

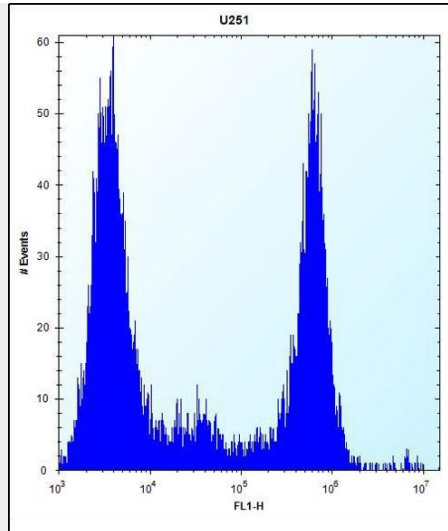
Provided below are standard protocols that you may find useful for product applications.

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

VPS37B Antibody (Center) - 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.

VPS37B Antibody (Center) - 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.

VPS37B Antibody (Center) - 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)