

### **VPS37B Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12426C

### **Specification**

### VPS37B Antibody (Center) - Product Information

Application WB, FC,E
Primary Accession Q9H9H4

Other Accession Q8R0I7, NP 078943.1

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region

Human
Mouse
Rabbit
Polyclonal
Rabbit IgG
31307
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**

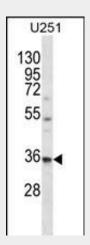
Widely expressed. Expressed in macrophages and lymphocytes.

### **VPS37B Antibody (Center) - Protocols**

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

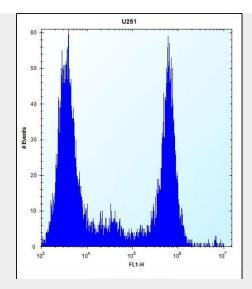
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **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)