

For Research Use Only

# VPS37C Polyclonal antibody

Catalog Number: 27128-1-AP



## Basic Information

<b>Catalog Number:</b> 27128-1-AP	<b>GenBank Accession Number:</b> BC141827	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55048	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> vacuolar protein sorting 37 homolog C (S. cerevisiae)	
<b>Isotype:</b> IgG	<b>Observed MW:</b> 39-45 kDa	
<b>Immunogen Catalog Number:</b> AG26024		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HT-29 cells, SK-BR-3 cells, T-47D cells
<b>Species Specificity:</b> human	

## Background Information

VPS37C (Vacuolar protein sorting-associated protein 37C) is also named as hVps37C, PML39 and ESCRT-I complex subunit VPS37C. VPS37C is a core subunit of the Endosomal sorting complex required for transport-I (ESCRT-I) complex (PMID: 37307706). VPS37C interacts with EKLF and prevents K48-linked polyubiquitination of EKLF and proteasome-mediated EKLF degradation, thus enhancing EKLF protein stability and transcriptional activity (PMID: 37307706).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

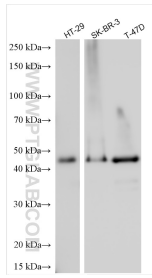
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27128-1-AP (VPS37C antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.