Datasheet for ABIN652668

anti-VPS26A antibody (AA 263-291)

3 Images

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Overview

Quantity:	400 µL
Target:	VPS26A
Binding Specificity:	AA 263-291
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS26A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This VPS26A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-291 amino acids from the Central region of human VPS26A.
Clone:	RB22339
Isotype:	Ig Fraction
Predicted Reactivity:	X, B, Zf, M, Rat, E
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	VPS26A

Target Details

Alternative Name:	VPS26A (VPS26A Products)
Background:	VPS26A is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex.
Molecular Weight:	38170
Gene ID:	9559
NCBI Accession:	NP_001030337, NP_004887
UniProt:	O75436

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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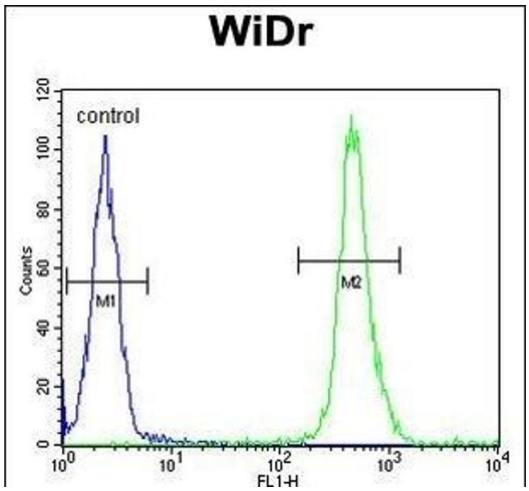
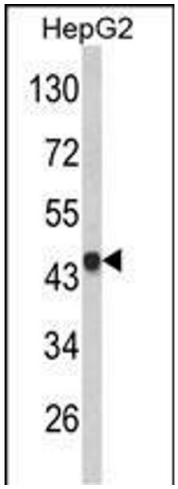


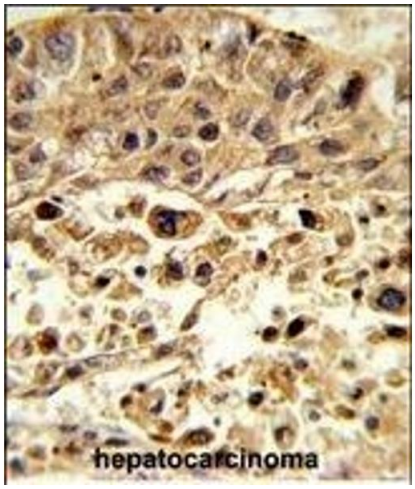
Flow Cytometry

Image 1. VPS26A Antibody (Center) (ABIN652668 and ABIN2842449) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of VPS26A Antibody (Center) (ABIN652668 and ABIN2842449) in HepG2 cell line lysates (35 µg/lane). VPS26A (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with VPS26A Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.