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Datasheet for ABIN7175305  
**anti-VPS29 antibody (AA 68-145) (Biotin)**

## Overview

Quantity:	100 µg
Target:	VPS29
Binding Specificity:	AA 68-145
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS29 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Vacuolar protein sorting-associated protein 29 protein (68-145AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	VPS29
Alternative Name:	VPS29 ( <a href="#">VPS29 Products</a> )
Background:	Background: Acts as component of the retromer cargo-selective complex (CSC). The CSC is believed to be the core functional component of retromer or respective retromer complex

## Target Details

variants acting to prevent missorting of selected transmembrane cargo proteins into the lysosomal degradation pathway. The recruitment of the CSC to the endosomal membrane involves RAB7A and SNX3. The SNX-BAR retromer mediates retrograde transport of cargo proteins from endosomes to the trans-Golgi network (TGN) and is involved in endosome-to-plasma membrane transport for cargo protein recycling. The SNX3-retromer mediates the retrograde endosome-to-TGN transport of WLS distinct from the SNX-BAR retromer pathway. The SNX27-retromer is believed to be involved in endosome-to-plasma membrane trafficking and recycling of a broad spectrum of cargo proteins. The CSC seems to act as recruitment hub for other proteins, such as the WASH complex and TBC1D5. Required to regulate transcytosis of the polymeric immunoglobulin receptor (pIgR-pIgA) (Probable). Involved in GLUT1 endosome-to-plasma membrane trafficking, the function is dependent of association with ANKRD27 (PubMed:24856514).

Aliases: DC15 antibody, DC7 antibody, DKFZp564F0223 antibody, FLJ20492 antibody, hVPS29 antibody, PEP11 antibody, PEP11 homolog antibody, Retromer protein antibody, Vacuolar protein sorting 29 antibody, Vacuolar protein sorting 29 (yeast homolog) antibody, Vacuolar protein sorting 29 (yeast) antibody, Vacuolar protein sorting 29 homolog (S. cerevisiae) antibody, Vacuolar protein sorting 29 homolog antibody, Vacuolar protein sorting associated protein 29 antibody, Vacuolar protein sorting-associated protein 29 antibody, Vacuolar sorting protein VPS29/PEP11 antibody, Vesicle protein sorting 29 antibody, VPS 29 antibody, VPS29 antibody, VPS29 retromer complex component antibody, VPS29\_HUMAN antibody, x 007 protein antibody

UniProt: [Q9UBQ0](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

## Handling

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handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.