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Datasheet for ABIN6945314

**anti-VPS29 antibody (AA 21-120) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	VPS29
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS29 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VPS29
Isotype:	IgG
Specificity:	91 % homology with Rat VPS29 Protein
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Zebrafish
Purification:	Purified by Protein A.

## Target Details

Target:	VPS29
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## Target Details

Alternative Name: VPS29 ([VPS29 Products](#))

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

Background: This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this gene is a component of a large multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms and representing non-protein coding transcripts have been found for this gene. [provided by RefSeq, Aug 2013]

Gene ID: 51699

UniProt: [Q9UBQ0](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

## Handling

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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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