

## VPS29 polyclonal antibody

Catalog # PAB7083      Size 100 ug

### Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of VPS29.
<b>Immunogen</b>	A synthetic peptide corresponding to human VPS29.
<b>Sequence</b>	CTGNLCTKESYDYLK
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	20.5, 20.9
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_057310.1 and NP_476528.1).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.
<b>Recommend Usage</b>	ELISA (1:16000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — VPS29

**Entrez GeneID** [51699](#)**Protein Accession#** [NP\\_057310.1;NP\\_476528.1](#)**Gene Name** VPS29**Gene Alias** DC15, DC7, DKFZp564F0223, FLJ20492, PEP11**Gene Description** vacuolar protein sorting 29 homolog (S. cerevisiae)**Omim ID** [606932](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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 usage of multiple polyadenylation sites have been found for this gene. [provided by RefSeq]

**Other Designations** retromer protein|vacuolar protein sorting 29|vacuolar sorting protein VPS29/PEP11|x 007 protein

## Publication Reference

- [A retromerlike complex is a novel Rab7 effector that is involved in the transport of the virulence factor cysteine protease in the enteric protozoan parasite Entamoeba histolytica.](#)

Nakada-Tsukui K, Saito-Nakano Y, Ali V, Nozaki T.

Molecular Biology of the Cell 2005 Nov; 16(11):5294.