

## Product datasheet for **TA357925**

### VPS4B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat <b>Homology:</b> Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Rabbit: 86%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	49kDa
Gene Name:	vacuolar protein sorting 4 homolog B
Database Link:	<a href="#">NP_004860</a> <a href="#">Entrez Gene 9525 Human</a> <a href="#">O75351</a>



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**Background:**

The protein encoded by this gene is a member of the AAA protein family (ATPases associated with diverse cellular activities), and is the homolog of the yeast Vps4 protein. In humans, two paralogs of the yeast protein have been identified. The former share a high degree of aa sequence similarity with each other, and also with yeast Vps4 and mouse Skd1 proteins. Mouse Skd1 (suppressor of K<sup>+</sup> transport defect 1) has been shown to be a yeast Vps4 ortholog. Functional studies indicate that both human paralogs associate with the endosomal compartments, and are involved in intracellular protein trafficking, similar to Vps4 protein in yeast. The gene encoding this paralog has been mapped to chromosome 18; the gene for the other resides on chromosome 16.

**Synonyms:**

MIG1; SKD1; SKD1B; VPS4-2; VPS42

**Protein Families:**

Transcription Factors

**Protein Pathways:**

Endocytosis

**Product images:**

WB Suggested Anti-VPS4B Antibody

Titration: 1.0 ug/ml

Positive Control: OVCAR-3 Whole Cell VPS4B is supported by BioGPS gene expression data to be expressed in OVCAR3