

A13416

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## VPS4A Rabbit pAb

Catalog No.: A13416

### Basic Information

#### Observed MW

**Calculated MW**  
49kDa

**Category**  
Polyclonal Antibody

**Applications**  
ELISA

**Cross-Reactivity**  
Human

### 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. The mouse Skd1 (suppressor of K<sup>+</sup> transport defect 1) has been shown to be really an 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 16; the gene for the other resides on chromosome 18.

### Recommended Dilutions

### Immunogen Information

Gene ID	Swiss Prot
27183	Q9UN37

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human VPS4A (NP\_037377.1).

#### Synonyms

SKD1; SKD2; VPS4; SKD1A; CIMDAG; VPS4-1; VPS4A

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.