

VPS4B

Reactivity:Human Mouse Rat

Tested applications:WB IF IP

Recommended Dilution:WB 1:500 - 1:2000 IF 1:10 - 1:100 IP 1:20 - 1:50

Calculated MW:49kDa

Observed MW:Refer to figures

Immunogen:

A synthetic Peptide of human VPS4B

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MIG1; SKD1; SKD1B; VPS4-2;

Catalog #:A4315

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:9525

Isotype:IgG

Swiss Prot:O75351

Purity:Affinity purification

For research use only.

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⁺ 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.

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