

## VPS4B Antibody

Catalog No: #40402



Package Size: #40402-1 50ul #40402-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

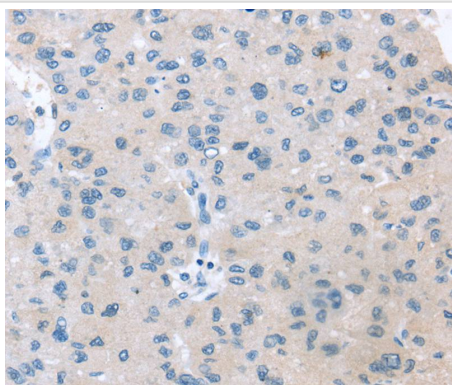
## Description

|                       |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| Product Name          | VPS4B Antibody                                                                  |
| Host Species          | Rabbit                                                                          |
| Clonality             | Polyclonal                                                                      |
| Purification          | Antigen affinity purification.                                                  |
| Applications          | IHC                                                                             |
| Species Reactivity    | Hu                                                                              |
| Specificity           | The antibody detects endogenous levels of total VPS4B protein.                  |
| Immunogen Type        | Peptide                                                                         |
| Immunogen Description | Synthetic peptide of human vacuolar protein sorting 4 homolog B (S. cerevisiae) |
| Target Name           | VPS4B                                                                           |
| Other Names           | MIG1; SKD1; SKD1B; VPS4-2                                                       |
| Accession No.         | Swiss-Prot:O75351 Gene Accssion:NP_004860                                       |
| Concentration         | 1.2mg/ml                                                                        |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                 |
| Storage               | Store at -20°C                                                                  |

## Application Details

Immunohistochemistry:1:10-1:50

## Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #40402 at dilution 1/20.

## 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.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.