

Datasheet for ABIN926774
anti-VPS4B antibody (N-Term)



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1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | VPS4B (vps4b) |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This VPS4B antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|---------------|--|
| Immunogen: | VPS4 B antibody was raised in rabbit using the N terminal of VPS4 as the immunogen |
| Purification: | Purified |

Target Details

| | |
|-------------------|---|
| Target: | VPS4B (vps4b) |
| Alternative Name: | VPS4B (vps4b Products) |
| 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. |

Target Details

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: Polyclonal VPS4B antibody, Anti-VPS4B antibody, vacuolar protein sorting 4 homolog B, *S. cerevisiae* antibody, MIG1 antibody, SKD1 antibody, SKD1B antibody, VPS4-2 antibody.

Pathways: [Microtubule Dynamics](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Comment: VPS4B Blocking Peptide, catalog no. 33R-10320, is also available for use as a blocking control in assays to test for specificity of this VPS4B antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

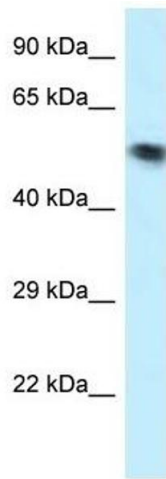
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 μ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. Western Blot showing VPS4B antibody used at a concentration of 1 ug/ml against OVCAR-3 Cell Lysate