Datasheet for ABIN7175282

# anti-VPS11 antibody (AA 692-941)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | VPS11 |
| Binding Specificity: | AA 692-941 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This VPS11 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

## Product Details

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|---|---|
| Immunogen: | Recombinant Human Vacuolar protein sorting-associated protein 11 homolog protein (692-941AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Antigen Affinity Purified |

## Target Details

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|---|---|
| Target: | VPS11 |
| Alternative Name: | VPS11 (VPS11 Products) |
| Background: | Background: Plays a role in vesicle-mediated protein trafficking to lysosomal compartments |

## Target Details

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| | including the endocytic membrane transport and autophagic pathways. Believed to act as a core component of the putative HOPS and CORVET endosomal tethering complexes which are proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The HOPS complex is proposed to be recruited to Rab7 on the late endosomal membrane and to regulate late endocytic, phagocytic and autophagic traffic towards lysosomes. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion probably in specific endosome subpopulations (PubMed:11382755, PubMed:23351085, PubMed:24554770, PubMed:25266290, PubMed:25783203). Required for fusion of endosomes and autophagosomes with lysosomes (PubMed:25783203). Involved in cargo transport from early to late endosomes and required for the transition from early to late endosomes (PubMed:21148287). Involved in the retrograde Shiga toxin transport (PubMed:23593995). Aliases: END1 antibody, HGNC:14583 antibody, hVPS11 antibody, PEP5 antibody, PP3476 antibody, RING finger protein 108 antibody, RNF108 antibody, Vacuolar protein sorting 11 (yeast homolog) antibody, Vacuolar protein sorting 11 (yeast) antibody, Vacuolar protein sorting 11 homolog (S. cerevisiae) antibody, Vacuolar protein sorting 11 homolog antibody, Vacuolar protein sorting associated protein 11 homolog antibody, Vacuolar protein sorting protein 11 antibody, Vacuolar protein sorting-associated protein 11 homolog antibody, vps11 antibody, VPS11_HUMAN antibody |
| UniProt: | Q9H270 |
| Pathways: | SARS-CoV-2 Protein Interactome |

## Application Details

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|---|---|
| Application Notes: | Recommended dilution: IHC:1:20-1:200, |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Handling

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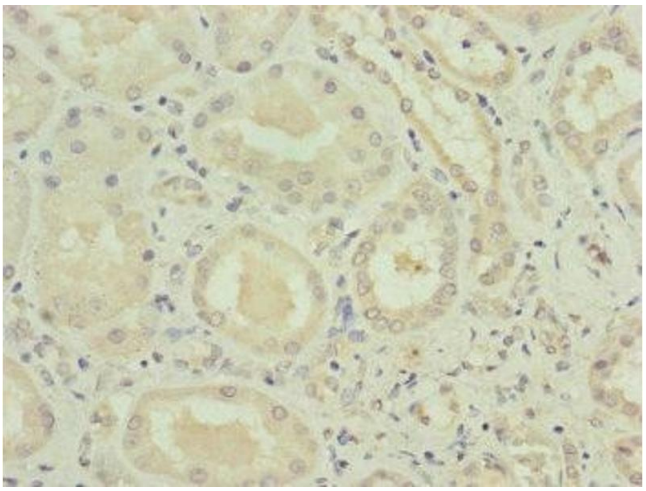
|---|---|
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |

## Images



**Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7175282 at dilution of 1:100