

## Datasheet for ABIN7120703 **anti-VPS11 antibody**



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### Overview

Quantity:	100 µg
Target:	VPS11
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF), Flow Cytometry (FACS)

### Product Details

Immunogen:	vacuolar protein sorting 11 homolog(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	VPS11
Alternative Name:	VPS11 ( <a href="#">VPS11 Products</a> )
Background:	Synonyms:END1, hVPS11, PEP5, RING finger protein 108, RNF108, VPS11 Background:Plays a role in vesicle-mediated protein trafficking to lysosomal compartments including the endocytic membrane transport and autophagic pathways. Believed to act as a core component of the

## Target Details

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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).

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Molecular Weight: 108 kDa

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Gene ID: 55823

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UniProt: [Q9H270](#)

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Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: WB: 1:500-1:5000, IF: 1:10-1:100, IP: 1:200-1:2000, FC:N/A

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months