



[Go to Product page](#)

Datasheet for ABIN5012451

## anti-VPS4A antibody (AA 351-437) (AbBy Fluor® 680)

### Overview

Quantity:	100 µL
Target:	VPS4A
Binding Specificity:	AA 351-437
Reactivity:	Human, Mouse, Fish
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS4A antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VPS4a
Isotype:	IgG
Cross-Reactivity:	Fish, Human, Mouse
Predicted Reactivity:	Rat,Dog,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	VPS4A
Alternative Name:	VPS4a ( <a href="#">VPS4A Products</a> )

## Target Details

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**Background:** Synonyms: hVPS4, SKD1, SKD1 homolog, SKD2, Vacuolar protein sorting 4 homolog A, vacuolar sorting protein 4, VPS4.

Background: Involved in intracellular protein transport probably out of a prevacuolar endosomal compartment. May be involved in the release of components of the bilayered coat from the endosomal membrane. The association with ESCRT-III complex mediates the ATP-dependent disassembly of the ESCRT-III complex. In case of infection, the HIV-1 virus takes advantage of it for budding and exocytic cargos of viral proteins.

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**Gene ID:** 27183

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

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: 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:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months