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VPS4A (N) Antibody, Rabbit Polyclonal

Cat#: R2950-1

Quantity: 100 ul

Predicted | Observed M.W.: 49 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9UN37

Background:

Vacuolar protein sorting-associated protein 4A (VPS4A) is a peripheral membrane protein belonging to the AAA ATPase family. VPS4A is involved in late steps of the endosomal multivesicular bodies (MVB) pathway. VPS4A recognizes membrane-associated ESCRT-III assemblies and catalyzes their disassembly, possibly in combination with membrane fission. Furthermore, VPS4A redistributes the ESCRT-III components to the cytoplasm for further rounds of MVB sorting.

Other Names:

Vacuolar protein sorting-associated protein 4A, Protein SKD2, VPS4-1, Hvps4, VPS4

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human VPS4A. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

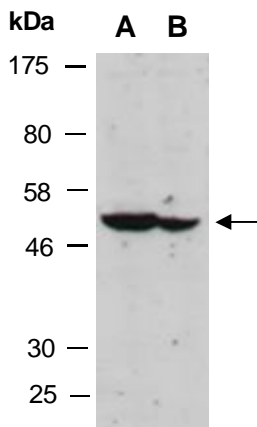


Fig 1. Western blot of total cell extracts from A) mouse thymus, B) human HeLa; using anti-VPS4A (N) (R2950-1) at RT for 2 h.