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PIK3AP1 (N) Antibody, Rabbit Polyclonal

Cat#: R1575-1

Quantity: 100 ul

Predicted | Observed M.W.: 90 | 100 kDa

Lot#: Refer to vial

Application: WB, IP

Uniprot ID: Q6ZUJ8

Background:

Phosphoinositide 3-kinase adapter protein 1 (PIK3AP1) is involved in the activation of phosphoinositide 3-kinase (PI3K) in B-cells and in natural killer (NK) cells. PIK3AP1 couples B-cell antigen receptor (BCR) to PI3K activation by providing a docking site for the PI3K subunit PIK3R1, which contributes to B-cell development. PIK3AP1 seems to have a complementary role with CD19 in PI3K activation. PIK3AP1 may be involved in the survival of mature B-cells via activation of REL.

Other Names:

Phosphoinositide 3-kinase adapter protein 1, B-cell adapter for phosphoinositide 3-kinase, B-cell phosphoinositide 3-kinase adapter protein 1, BCAP

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human PIK3AP1. 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*)

IP: 1:100-1:200

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

Product Data:

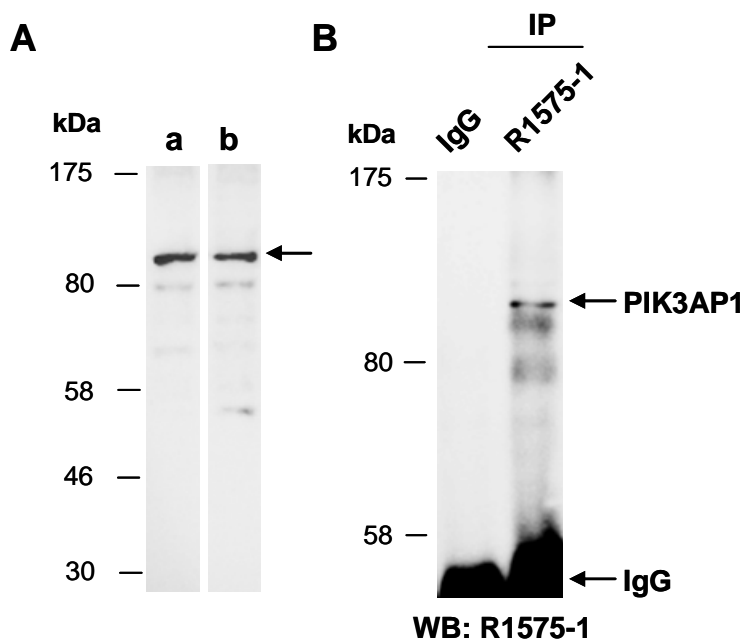


Fig 1. (A) Western blot of total cell extracts from a. human HeLa, b. mouse thymus; using anti-PIK3AP1 (N) (R1575-1) at RT for 2 h. **(B)** Total extracts from mouse thymus were immunoprecipitated (IP) with IgG or anti-PIK3AP1 (N) (R1575-1); followed by WB with the same Ab at RT for 2 h.