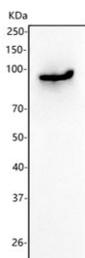


## PIK3AP1 Antibody / BCAP (RQ8843)

Catalog No.	Formulation	Size
RQ8843	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-2 days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity chromatography
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q6ZUJ8
<b>Applications</b>	Western Blot : 1-2ug/ml ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This PIK3AP1 antibody is available for research use only.



Western blot testing of human HEL cell lysate with PIK3AP1 antibody. Predicted molecular weight ~90 kDa.

### Description

Phosphoinositide 3-kinase adapter protein 1 is an enzyme that in humans is encoded by the PIK3AP1 gene. BCAP (B cell adaptor for phosphoinositide 3-kinase (PI3K)), also known as PI3KAP1, participates in linking the B cell antigen receptor (BCR) with the PI3K pathway. Tyrosine phosphorylation of BCAP by BCR-associated protein tyrosine kinases, such as Syk and Btk, generates binding sites for the p85 subunit of PI3K, resulting in activation of the PI3K pathway. Human and mouse BCAP contain 3 YXXM SH2 binding motifs for interaction with PI3K. BCAP null mice have deficient immune function, with B cells that exhibit enhanced apoptosis.

## Application Notes

Optimal dilution of the PIK3AP1 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids H78-R583) was used as the immunogen for the PIK3AP1 antibody.

## Storage

After reconstitution, the PIK3AP1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.