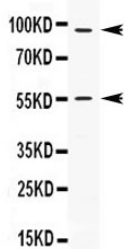


## APC2 Antibody (R32509)

Catalog No.	Formulation	Size
R32509	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business 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
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	O95996
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This APC2 antibody is available for research use only.



Western blot testing of human HeLa lysate with APC2 antibody at 0.5ug/ml. N-terminal APC2 antibodies generally show three bands above 200 kDa and may show three degradation or splice variant forms at ~121, 81 and 51 kDa (Ref. 1).

## Description

APC2, also called APCL or Adenomatous polyposis coli protein-like, is a deduced 2,303-amino acid protein that contains an N-terminal coiled-coil domain, followed by an armadillo domain and five 20-amino acid repeats. The human APC2 gene is mapped to chromosome 19p13.3. It is found that the 20-amino acid repeat domain of APCL could bind beta-catenin (CTNNB1) and deplete the intracellular beta-catenin pool. A reporter gene assay revealed that APCL could regulate interaction of beta-catenin with T cell-specific transcription factors (TCF7), although less efficiently than APC.

## Application Notes

Differences in protocols and secondary/substrate sensitivity may require the APC2 antibody to be titrated for optimal performance.

## Immunogen

Amino acids 51-90 (KHLQGKLEQEARVLVSSGQTEVLEQLKALQMDITSLYNLK) from the human protein were used as the immunogen for the APC2 antibody.

## Storage

After reconstitution, the APC2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

## References (1)