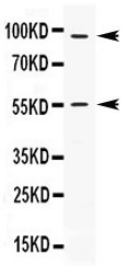
APC2 Antibody (R32509)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	O95996
Applications	Western blot: 0.5-1ug/ml
Limitations	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)

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