

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.

100KD--<
70KD--<
55KD--<
35KD--<
25KD--<
15KD--<

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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

References (1)