

Datasheet for ABIN5647467
anti-APC2 antibody (AA 51-90)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	APC2
Binding Specificity:	AA 51-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 51-90 (KHLQGKLEQEARVLVSSGQTEVLEQLKALQMDITSLYNLK) from the human protein were used as the immunogen for the APC2 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	APC2
Alternative Name:	APC2 (APC2 Products)
Background:	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

Target Details

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.

UniProt: [O95996](#)

Pathways: [WNT Signaling](#)

Application Details

Application Notes: Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

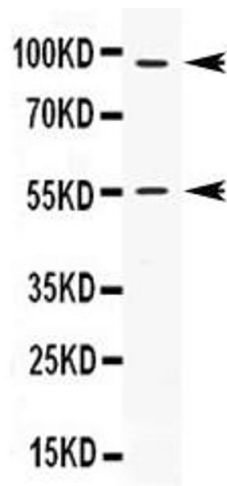
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: 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.

Images



Western Blotting

Image 1. 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).