

Datasheet for ABIN499293
anti-APC2 antibody (Center)



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1 Image

Overview

Quantity:	0.1 mg
Target:	APC2
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APC2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	APC2 antibody was raised against an 18 amino acid peptide near the center of human APC2.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	APC2
Alternative Name:	APC2 (APC2 Products)
Background:	Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC2 is a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle.

Target Details

APC/C is responsible for degrading anaphase inhibitors, mitotic cyclins, and spindle-associated proteins ensuring that events of mitosis take place in proper sequence. The individual APC/C components mRNA and protein levels are expressed at approximately the same levels in most tissues and cell lines, suggesting that they perform their functions as part of a complex. Like APC11, APC2 contains cullin and RING finger domains that are thought to be important in regulating ubiquitination activity. Synonyms: APC-like, APCL, Adenomatous polyposis coli protein 2, Adenomatous polyposis coli protein-like

Gene ID: 10297

UniProt: [O95996](#)

Pathways: [WNT Signaling](#)

Application Details

Application Notes: ELISA. Western Blot: APC2 antibody can be used for detection of APC2 at 1 - 2 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide.

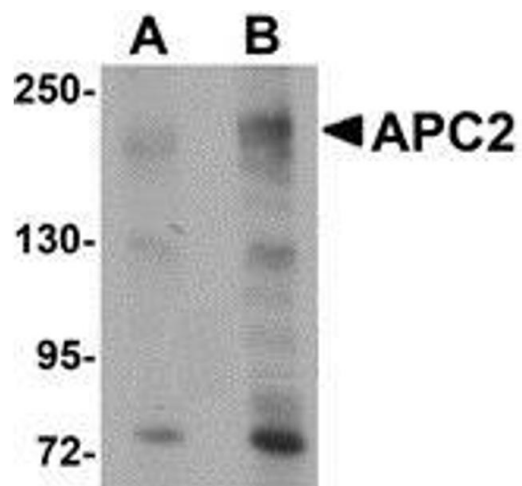
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1. Western blot analysis of APC2 in HeLa cell lysate with AP30058PU-N APC2 antibody at (A) 1 and (B) 2 µg/ml.