

Datasheet for ABIN499295

anti-CDC27 antibody (C-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	CDC27
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC27 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	APC3 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human APC3.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CDC27
Alternative Name:	CDC27 (CDC27 Products)
Background:	Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC3, also known as CDC27, a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), is a cell

Target Details

cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. APC/C is responsible for degrading anaphase inhibitors, mitotic cyclins, and spindle-associated proteins ensuring that events of mitosis take place in proper sequence. APC3 contains a tetratricopeptide repeat (TPR) region and interacts with mitotic checkpoint proteins including Mad2, p55CDC and BUBR1. Synonyms: CDC27Hs, Cell division cycle protein 27 homolog, D0S1430E, D17S978E, H-NUC

Gene ID: 996

NCBI Accession: [NP_001247](#)

UniProt: [P30260](#)

Application Details

Application Notes: ELISA. Western Blot: APC3 antibody can be used for detection of APC3 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.

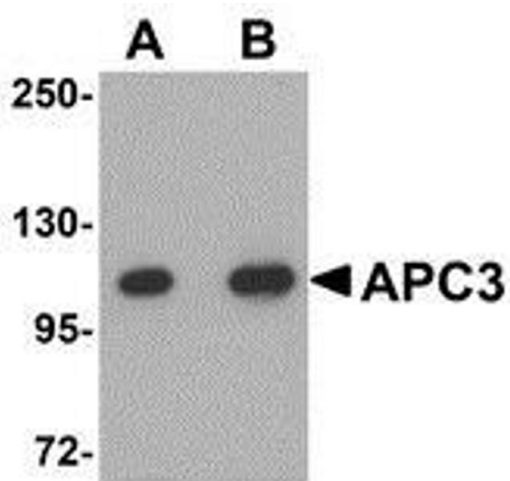
Preservative: Sodium azide

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 APC3 in mouse liver tissue lysate with AP30059PU-N APC3 antibody at (A) 1 and (B) 2 µg/ml.