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## Datasheet for ABIN6991331 **anti-ANAPC13 antibody**

### Overview

|              |   |
|--------------|---|
| Quantity:    | 0.1 mg  |
| Target:      | ANAPC13   |
| Reactivity:  | Human, Mouse, Rat                                     |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This ANAPC13 antibody is un-conjugated                |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

### Product Details

|               |   |
|---------------|---|
| Immunogen:    | APC13 antibody was raised against a 17 amino acid synthetic peptide near the center of human APC13. The immunogen is located within the last 50 amino acids of APC13. |
| Isotype:      | IgG   |
| Purification: | APC13 Antibody is affinity chromatography purified via peptide column.  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | ANAPC13  |
| Alternative Name: | APC13 ( <a href="#">ANAPC13 Products</a> )   |
| Background:       | APC13 Antibody: Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC13 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 |

## Target Details

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. 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. APC13 promotes the stable association of APC3/Cdc27 and APC6/Cdc16 with the APC/C.

Molecular Weight: Predicted: 15 kDa

Observed: 14 kDa

Gene ID: 25847

NCBI Accession: [NP\\_056206](#)

UniProt: [Q9BS18](#)

## Application Details

Application Notes: APC13 antibody can be used for detection of APC13 by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: APC13 Antibody is supplied in 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.

Storage: -20 °C, 4 °C

Storage Comment: APC13 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.