



Datasheet for ABIN1887649 anti-ANAPC13 antibody (Center)



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Overview

Quantity: 100 µL

Target: ANAPC13

Binding Specificity: Center

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Application: Western Blotting (WB), ELISA

Product Details

Immunogen: 17 amino acid peptide near the center of human APC13.

Purification: Affinity chromatography purified via peptide column

Target Details

Target: ANAPC13

Alternative Name: APC13 ([ANAPC13 Products](#))

Background: 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 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

Target Details

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.

Synonyms: Anaphase promoting complex 13, ANAPC13, Swm1

NCBI Accession: [NP_056206](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid freezing and thawing repeatedly.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term use. Store at -20 °C for long term preservation.