

Datasheet for ABIN783826
anti-ANAPC13 antibody (Center)[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	ANAPC13
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANAPC13 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	17 amino acid peptide near the center of human APC13
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ANAPC13
Alternative Name:	ANAPC13 (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.

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. APC13 promotes the stable association of APC3/Cdc27 and APC6/Cdc16 with the APC/C. Synonyms: Anaphase-promoting complex subunit 13, Cylosome subunit 13

Gene ID: 25847

NCBI Accession: [NP_056206](#)

UniProt: [Q9BS18](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide

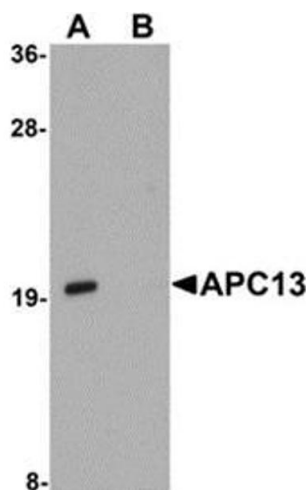
Preservative: Sodium azide

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 APC13 in Jurkat cell tissue lysate with APC13 antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.