Datasheet for ABIN499303
anti-ANAPC7 antibody (C-Term)

1   Image

Overview

Quantity:	0.1 mg
Target:	ANAPC7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANAPC7 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	APC7 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human APC7.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ANAPC7
Alternative Name:	APC7 / ANAPC7 (ANAPC7 Products)
Background:	Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC7 is a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3

Target Details

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 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. APC7 is required for proper protein ubiquitination function of APC/C and for the interaction of APC/C with various transcription coactivators.Synonyms: Anaphase-promoting complex subunit 7, Cyclosome subunit 7

Gene ID:	51434
NCBI Accession:	NP_057322
UniProt:	Q4KMX6

Application Details

Application Notes:	ELISA. Western Blot: APC7 antibody can be used for detection of APC7 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

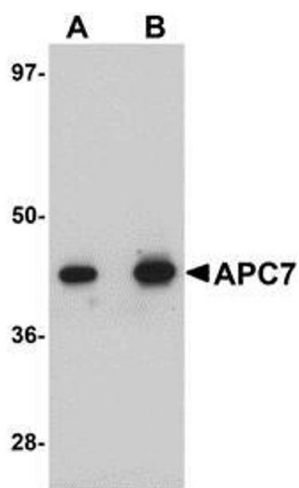|	
Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at -20 °C.

Images