

Datasheet

ANAPC1 (phospho S377) polyclonal antibody

Catalog Number: PAB9936

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic phosphopeptide of ANAPC1.

Immunogen: Synthetic phosphopeptide corresponding to residues surrounding S377 of human ANAPC1.

Host: Rabbit

Reactivity: Bovine,Dog,Human,Mouse,Rat

Applications: ELISA, IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody is specific to phosphorylated human APC1 protein at the pS377 residue.

Form: Liquid

Recommend Usage: ELISA (1:2000-1:10000)
Western Blot (1:200-1:1000)
Immunohistochemistry (5.0 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 20 mM KH₂PO₄, 150 mM NaCl, pH 7.2 (0.01% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 64682

Gene Symbol: ANAPC1

Gene Alias: APC1, MCPR, TSG24

Gene Summary: ANAPC1 is 1 of at least 10 subunits of

the anaphase-promoting complex (APC), which functions at the metaphase-to-anaphase transition of the cell cycle and is regulated by spindle checkpoint proteins. The APC is an E3 ubiquitin ligase that targets cell cycle regulatory proteins for degradation by the proteasome, thereby allowing progression through the cell cycle.[supplied by OMIM]

References:

1. Mitotic regulation of the human anaphase-promoting complex by phosphorylation. Kraft C, Herzog F, Gieffers C, Mechtler K, Hagting A, Pines J, Peters JM. EMBO J. 2003 Dec 15;22(24):6598-609.
2. Characterisation of the human APC1, the largest subunit of the anaphase-promoting complex. Jorgensen PM, Graslund S, Betz R, Stahl S, Larsson C, Hoog C. Gene. 2001 Jan 10;262(1-2):51-9.