



Rabbit anti-Human Apc1 (phospho S355) polyclonal antibody (DPABH-25647)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of Lys-11-linked polyubiquitin chains and, to a lower extent, the formation of Lys-48- and Lys-63-linked polyubiquitin chains.
Specificity	Less than 1% reactivity is observed against the non-phosphorylated form of the immunizing peptide. This antibody is expected to be phospho-specific for S355 of APC1.
Immunogen	Synthetic peptide: SRAHSpALG conjugated to KLH, corresponding to amino acids 351-359 of Human Apc1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Size	100 µg
Buffer	Constituents: 0.15M Sodium chloride, 0.02M Potassium phosphate. pH 7.2
Preservative	0.01% Sodium Azide

Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ANAPC1 anaphase promoting complex subunit 2 [Homo sapiens]
Official Symbol	ANAPC1
Synonyms	ANAPC1; anaphase promoting complex subunit 1; APC1; MCPR; TSG24; anaphase-promoting complex subunit 1; cyclosome subunit 1; mitotic checkpoint regulator; testis-specific gene 24 protein; anaphase-promoting complex 1 (meiotic checkpoint regulator);
Entrez Gene ID	64682
Protein Refseq	NP_073153.1
UniProt ID	Q9H1A4
Pathway	APC/C complex; APC/C-mediated degradation of cell cycle proteins; APC/C:Cdc20 mediated degradation of Securin; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1