Anti-Phospho-APC1 (S688) antibody

Description	Rabbit polyclonal to Phospho-APC1 (S688).

Model	STJ91312
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human APC1 around the phosphorylation site of S688.
Immunogen Region	630-710 aa
Gene ID	64682
Gene Symbol	ANAPC1
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	Phospho-APC1 (S688) Polyclonal Antibody detects endogenous levels of APC1 protein only when phosphorylated at S688.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Anaphase-promoting complex subunit 1 APC1 Cyclosome subunit 1 Mitotic checkpoint regulator Testis-specific gene 24 protein
Molecular Weight	210120 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:19988OMIM:608473
Alternative Names	Anaphase-promoting complex subunit 1 APC1 Cyclosome subunit 1 Mitotic checkpoint regulator Testis-specific gene 24 protein
Function	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.
Post-translational Modifications	Phosphorylated. Phosphorylation on Ser-355 occurs specifically during mitosis.