SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-phospho-APC1 (Ser355)/HRP Conjugated antibody

Catalog Number: SL5173R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-phospho-APC1 (Ser355)/HRP
Immunogen:	KLH conjugated Synthesised phosphopeptide derived from human ANAPC1 around the phosphorylation site of Ser355
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Background:	background: This gene encodes a subunit of the anaphase-promoting complex. This complex is an E3 ubiquitin ligase that regulates progression through the metaphase to anaphase portion of the cell cycle by ubiquitinating proteins which targets them for degradation. [provided by RefSeq, Dec 2011]. **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. **Subunit:** The APC/C is composed of at least 12 subunits.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Post-translational modifications: Phosphorylated. Phosphorylation on Ser-355 occurs specifically during mitosis. **Similarity:** Belongs to the APC1 family. Contains 4 PC repeats. **Database links:** **Entrez Gene:** 64682 Human **Entrez Gene:** 535565 Cow **Entrez Gene:** 475750 Dog **Entrez Gene:** 17222 Mouse Omim: 608473 Human **SwissProt:** E1BAB6 Cow **SwissProt:** E2RLM2 Dog **SwissProt:** Q9H1A4 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.