

ANAPC5 / APC5 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS13566**Specification**

ANAPC5 / APC5 Antibody (Internal) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	O9UJX4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

ANAPC5 / APC5 Antibody (Internal) - Additional Information**Gene ID** 51433**Other Names**

Anaphase-promoting complex subunit 5, APC5, Cyclosome subunit 5, ANAPC5, APC5

Target/Specificity

Human ANAPC5

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

ANAPC5 / APC5 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

ANAPC5 / APC5 Antibody (Internal) - Protein Information**Name** ANAPC5**Synonyms** APC5**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 (PubMed:18485873). 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 (PubMed:18485873). The APC/C

complex catalyzes assembly of branched 'Lys-11'-'Lys-48'-linked branched ubiquitin chains on target proteins (PubMed:29033132).

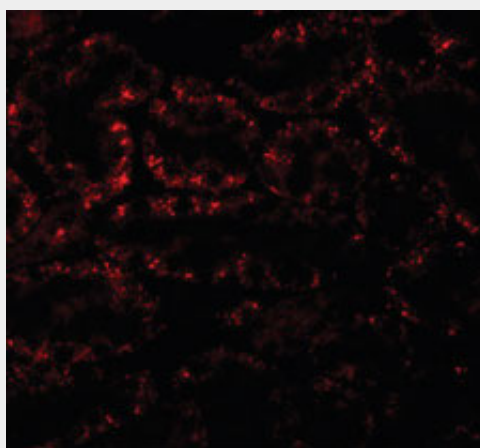
Cellular Location

Nucleus. Cytoplasm, cytoskeleton, spindle

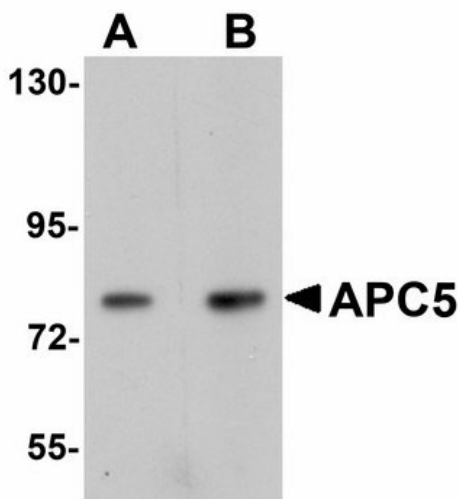
ANAPC5 / APC5 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

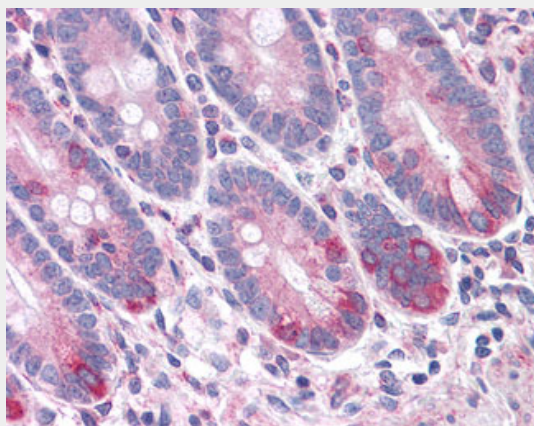
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ANAPC5 / APC5 Antibody (Internal) - Images

Immunofluorescence of APC5 in rat kidney tissue with APC5 antibody at 20 ug/ml.



Western blot of APC5 in human kidney tissue lysate with APC5 antibody at (A) 1 and (B) 2 ug/ml.



Anti-ANAPC5 / APC5 antibody IHC of human small intestine.

ANAPC5 / APC5 Antibody (Internal) - Background

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.

ANAPC5 / APC5 Antibody (Internal) - References

- Yu H.,et al.Science 279:1219-1222(1998).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Bechtel S.,et al.BMC Genomics 8:399-399(2007).
- Scherer S.E.,et al.Nature 440:346-351(2006).
- Kraft C.,et al.EMBO J. 22:6598-6609(2003).