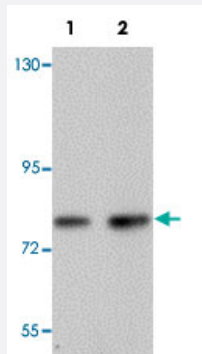


ANAPC5 polyclonal antibody

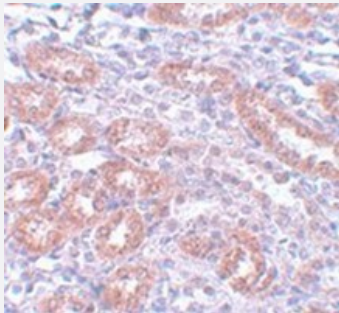
Catalog # PAB19235 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of human kidney tissue with ANAPC5 polyclonal antibody (Cat # PAB19235) at (Lane 1) 1 and (Lane 2) 2 ug/mL dilution.



Immunohistochemistry

Immunohistochemical staining of rat kidney tissue with ANAPC5 polyclonal antibody (Cat # PAB19235) at 5 ug/mL dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ANAPC5.
Immunogen	A synthetic peptide corresponding to 17 amino acids near internal region of human ANAPC5.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Peptide affinity purification

Concentration	1 mg/mL
Recommend Usage	Western Blot (1-2 ug/mL) Immunohistochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of human kidney tissue with ANAPC5 polyclonal antibody (Cat # PAB19235) at (Lane 1) 1 and (Lane 2) 2 ug/mL dilution.

- Immunohistochemistry

Immunohistochemical staining of rat kidney tissue with ANAPC5 polyclonal antibody (Cat # PAB19235) at 5 ug/mL dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ANAPC5

Entrez GeneID	51433
Protein Accession#	Q9UJX4
Gene Name	ANAPC5
Gene Alias	APC5
Gene Description	anaphase promoting complex subunit 5
Omim ID	606948
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a. [provided by RefSeq]

Other Designations

anaphase-promoting complex subunit 5|cyclosome subunit 5

Pathway

- [Cell cycle](#)
- [Ubiquitin mediated proteolysis](#)