

## ANAPC5 Rabbit Polyclonal Antibody

Catalog No: #55123



Package Size: #55123-1 50ul #55123-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

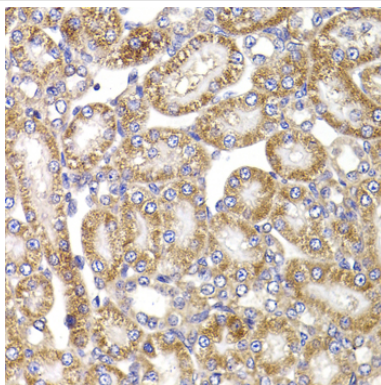
## Description

Product Name	ANAPC5 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human ANAPC5 (NP_057321.2).
Conjugates	Unconjugated
Other Names	ANAPC5;APC5
Accession No.	Swiss Prot:Q9UJX4GeneID:51433
Calculated MW	25kDa/72kDa/85kDa
SDS-PAGE MW	85kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

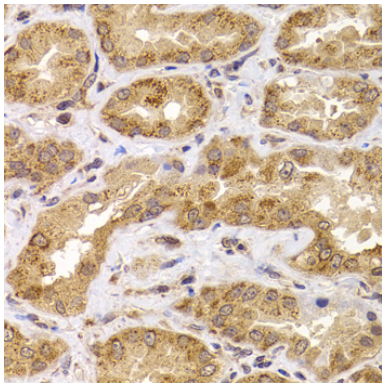
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IP □ 1:50 - 1:100

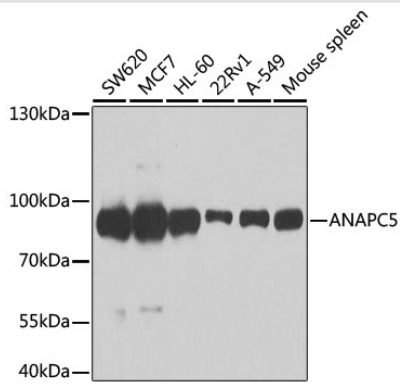
## Images



Immunohistochemistry of paraffin-embedded rat kidney using ANAPC5 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human kidney using ANAPC5 at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using ANAPC5 at 1:1000 dilution.

## Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.